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JS-09-248-796A-978/c
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Sequence 3861, Ap
Sequence 19143, A
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Sequence 11, Appl
Sequence 9, Appli
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Sequence 3, Appli
                                                                                January 21, 2005, 17:02:43 ; Search time 49.0695 Seconds (without alignments) 3447.516 Million cell updates/sec
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                                                                                                                                                         1 ttttttttttttttggggag......tttccgcgcgaaaaaaaa 238
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Sequence 1
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                                                                                                                                                                                                                                            1649014
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/cgn2_6/ptodata/1/ina/5A_COMB.seq:*
/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/RD_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
           5.1.6
Compugen Ltd
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US-09-3461-474-11
US-08-292-688A-11
US-08-292-688A-12
US-08-292-688A-14
US-08-292-688A-14
US-08-292-688A-14
US-08-292-688A-14
US-08-292-688A-14
US-08-292-688A-14
US-09-563-869A-1
US-09-563-869A-1
US-09-563-869A-1
US-09-563-869A-1
US-09-563-869A-1
US-09-643-104-3
US-09-643-104-3
US-09-643-104-3
US-09-270-767-3861
US-09-270-767-25053
US-09-270-767-25053
US-09-644-221A-481
US-09-644-221A-811
US-09-649-231A-811
US-09-649-231A-811
US-09-649-331A-3359
                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                    824507 seqs, 355394441 residues
            version :
                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                           nucleic search, using sw model
                                                                                                                                                                                IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
           GenCore (c) 1993
                                                                                                                               US-09-437-450A-14
238
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seq length: 200000000
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9018
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30.8
30.8
30.6
30.4
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Perfect score:
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Maximum DB
                                                            nucleic
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Sequence 978, Application US/09248796A

Sequence 978, Application US/09248796A

Research No. 6747137

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL REPERBUCE: 107196.132

GURRENT APPLICATION NUMBER: US/09/248, 796A

CURRENT PILING DATE: 1999-02-12

PRIOR APPLICATION NUMBER: US 60/074, 725

PRIOR APPLICATION NUMBER: US 60/096, 409

PRIOR PILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208

SEQ ID NOS: 28208
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Sequence 29322, A
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Pred. No. 0.48;
0; Mismatches 60; Indels
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US-08-870-518-7
US-10-101-464A-834
US-08-956-171E-112
US-08-9513-999C-29322
                                                      US-08-455-324-1
US-09-322-409-99
US-09-322-409-101
US-09-451-527-99
US-09-451-527-101
US-09-32-409-91
US-09-32-409-93
US-09-451-527-91
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Batent No. 6278042

GENERAL INFORMATION:
APPLICANT Allen, Steve
APPLICANT: Rafalski, Antoni
APPLICANT: Sakai, Hajime
TITLE OF INVENTION: Plant Metal Transporters
FILE REPERENCE: BB1303 US NA
CURRENT APPLICATION NUMBER: US/09/461,474
              08-313-608B-2
                                           -08-313-608B-1
                                                                                                                                                                                                                                                                                                    ALIGNMENTS
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Best Local Similarity 53.8
Matches 70, Conservative
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                                                                                                                                                                                                                  Length 1208;
                                                                                                                                                                                                                                                      56; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: ROBERTSON, Donald L.
APPLICANT: FISHER, Kuhia L.
TITLE OF INVENTION: VIRUSES AND EXPRESSION VECTORS
TITLE OF INVENTION: CONTAINING LTR SIZE VARIANTS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: P.O. BOX 1404
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,688A
FILING DATE: 18-AUG-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                14.0%; Score 33.4; DB 3; 54.5%; Pred. No. 0.66; tive 0; Mismatches 56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INPORMATION:
NAME: Dadio, Susan M.
REGISTRATION NUMBER: 40,373
REFERENCE/DOCKET NUMBER: 004535-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
CURRENT FILING DATE: 1999-12-14
EARLIER APPLICATION NUMBER: 60/112,562
EARLIER FILING DATE: 1998-12-16
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Microsoft Office 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-292-688A-9/c;
Sequence 9, Application US/08292688A;
Patent No. 5814493;
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 54.5.
Thes 67; Conservative
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COUNTRY: United States
ZIP: 22313-1404
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                                                                                                                                    TYPE: DNA ORGANISM: Glycine max
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LENGTH: 1208
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Best Local Similarity Matches 84; Conserva

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CIGICIATIAICCATICCGCAAICACATITICGGAIGTICTCGAAAAGGACTICCCAAAGT 123
                                                           507 CTTTCTATTTTCTATTCCCATTTCTAACTTCGAATTTGAGTAAAAATTGCTAAAAGA 448
                                                                                                                       124 TATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTTACTATGTGAA 183
                                                                                                                                                                                447 TAATGATTCATTTCTTAACATAGTAACTAATAATCTACCTATTGGATTGGTCTTATTGGT 388
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13.4%; Score 31.8; DB 1; Length 1546; 49.1%; Pred. No. 2.3;
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APPLICANT: ROBERTSON, Donald L.
APPLICANT: FISHER, Kuhia L.
TITLE OF INVENTION: VIRUSES AND EXPRESSION VECTORS
TITLE OF INVENTION: CONTAINING LTR SIZE VARIANTS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STRRET: P.O. Box 1404
CITY: ALEXAND'S ADDRESS:
COUNTRY: United States
ZIPTE: VIGINIA
COUNTRY: CONTAINING ASTERES
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,688A
FILING DATE: 18-AUG-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/08292688A Patent No. 5814493 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Dadio, Susan M.
REGISTRATION UNDHRER: 40,373
REFERENCE/DOCKET NUMBER: 0045:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-2021
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
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EDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                  JS-08-292-688A-11/c
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004535-001
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                                                                                                                                                                                                                                                                                                                      FILING DATE: 18-40G-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dadio, Susan M.
REGISTRATION NUMBER: 40.373
REFERENCE/DOCKET NUMBER: 0045
TELECHMUNICATION INFORMATION:
TELEPKX: (703) 836-6620
TELEFKX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: DNA (genomic) US-08-292-688A-10
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dadio, Sugan M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1621 base pairs
Virginia
: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: VI
TITLE OF INVENTION: CO
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    87; Indels
                                                    JOSEPH SERVICE OF SERV
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US-08-292-688A-10/c

Sequence 10, Application US/08292688A

Patent No. 5814493

GENERAL INFORMATION:
APPLICANT: ROBERTSON, Donald L.
APPLICANT: ROBERTSON, SUBJECT OF TITLE OF INVENTION: VIRUSES AND EXPRESSION VECTORS
TITLE OF INVENTION: VIRUSES AND EXPRESSION VECTORS
TITLE OF INVENTION: CONTAINING LTR SIZE VARIANTS
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: P.O. BOX 1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          49.1%; Pred. ...
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NAME: Dadio, Susan M.
REGISTRATION NUMBER: 004535-001
REFERENCE/DOCKET NUMBER: 004535-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-620
TELEPHONE: (703) 836-2021
INFORMATION POR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 1616 base pairs
TYPE: nucleic acid
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   RESULT 5
US-08-292-688A-12/c
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APPLICANT: FISHER, Kuhia L.
TITLE OF INVENTION: VIRUSES AND EXPRESSION VECTORS
TITLE OF INVENTION: CONTAINING LTR SIZE VARIANTS
COUNTRY:

ZIP: 22313-1404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,688A
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APPLICATION NUMBER: US/08/292,688A
FILING DATE: 18-AUG-1994
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CITY: Alexandria STATE: Virginia STATE: Virginia COUNTRY: United States ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk COMPUTER: IBM PC compatible COMPUTER: IBM PC compatib
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13.4%; Score 31.8; D
Best Local Similarity 49.1%; Pred. No. 2.3;
Matches 84; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   447 TAATGATTCATTTCTTAACATAGTAACTAATAATCTACCTATTGGATTGGTCTTATTGGT 388
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| Sequence 14, Application US/08292688A
| Patent No. 5814493|
| Patent No. 5814493|
| GENERAL INFORMATION:
| APPLICANT: FISHER, Winia L. |
| TITLE OF INVENTION: VIRUSES AND EXPRESSION VECTORS |
| TITLE OF INVENTION: CONTAINING LTR SIZE VARIANTS |
| NUMBER OF SEQUENCES: 16 |
| CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: BURNS, DOANE, SWECKER & MATHIS |
| STREET: P.O. Box 1404 |
| STREET: VIGGINIA |
| STREET: VIGGINIA |
| STATE |
| STREET: VIGGINIA |
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Dadio, Susan M.
REGISTRATION NUMBER: 40,373
REFERENCE/DOCKET NUMBER: 004535-001
TELECOMMUNICATION:
TELEPHONE: (703) 836-6620
                                                           004535-001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
REGISTRATION NUMBER: 40,373
REFERENCE/DOCKET NUMBER: 0045:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-2021
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 1693 base pairs
TYPE: nucleic acid
STRANBENESS: single
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 1693 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , MOLECULE TYPE: DNA (genomic)
US-08-292-688A-13
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 84; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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                                                                                                                                                                                                                                           447 TAATGATTCATTTCTTAACATAGTAACTAATAATCTACCTATTGGATTGGTCTTATTGGT 388
                                                                                                           64 CIGICIATIAICCATICCGCAATCACATITCGGATGTICTCGAAAAGGACTICCCAAAGT
                                                                  Gaps
                                                                                                                                                                                                                                                                                       184 TTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTCCGCGCGGAAAAA 234
                                                                                                                                                                                                                                                                                                                                387 AAAATATAATTTTTAGCAAGCATTCTTATTTCTATTTCTGAAGGACAAAA 337
                                                                  .
                    Score 31.8; DB 1; Length 1693; Pred. No. 2.4; 0; Mismatches 87; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Gao, Guang-Ping
TITLE OF INVENTION: Recombinant Adenovirus and Adeno-
TITLE OF INVENTION: Associated Virus, Cell Lines, and
TITLE OF INVENTION: Methods of Production and Use
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSE: Howson and Howson
STREET: Box 457, 321 No. 6261551ristown Road
CITY: Spring House
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release 1.0 Version 1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,334
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Pred. No. 3.2;
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,014
FILING DATE: 05-JUN-1995
PRIOR APPLICATION NUMBER: US 08/549,489
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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; Sequence 1, Application US/08973334
; Patent No. 6261551
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Krishna J.
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49.1%;
                    13.4%;
ilarity 49.1%;
Conservative
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Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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LOCATION:
US-08-973-334-1
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493 TAATGATTCATTTCTTAACATAGTAACTAATAATCTACCTATTGGATTGGTCTTATTGGT 434
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                                            553 CTTTCTATTTTCTATTCCCATTTCTAACTTCTGAATTTGAGTAAAAATAGTACTAAAAGA 494
                                                                                             124 TATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTTACTATGTGAA 183
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                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Wilson, James M.
APPLICANT: WILSON, Glang-Ping
TITLE OF INVENTION: No. 6281010el Adenovirus Gene Therapy Vehicle
TITLE OF INVENTION: and Cell Line
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                      184 TIAAATIGICAAACIAGIAGICAGAICAATAAAATITICCGCGGAAAAA 234
                                                                                                                                                                                                                                  433 AAAAATATAATTTTTAGCAAGCATTCTTATTTCTATTTCTGAAGGACAAAA 383
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Howson and Howson
STREET: Box 457, 321 No. 6281010ristown Road
CITY: Spring House
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 31.8; DB Pred. No. 3.2; O; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/462,014
FILING DATE: 08-UDM-1995
ATTORNEY/AGENT INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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Sequence 1, Application US/08549489
Patent No. 6281010
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TELEPHONE: (215) 540-9206
TELEPAX: (215) 540-9218
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3653 base pairs
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REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: GNN
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Best Local Similarity 49.1%;
Matches 84; Conservative
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STRANDEDNESS: double
TOPOLOGY: not relevant
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COMPUTER READABLE FORM:
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US-08-549-489-1
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                                              64 CTGTCTATTATCCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGACTTCCCAAAGT
Gaps
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US-09-563-869A-1/C
; Sequence 1, Application US/09563869A
; Patent No. 6270996
; GENERAL INFORMATION:
; APPLICANT: Wilson, James M.
; Glanger of Glanger of TILE OF INVENTION: Recombinant Adenovirus and Adeno-
; TITLE OF INVENTION: Recombinant Adenovirus and Adeno-
; Methods of Production and Use
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13.4%; Score 31.8; DB 3; Length 3653;
Best Local Similarity 49.1%; Pred. No. 3.2;
Matches 84; Conservative 0; Mismatches 87; Indels 0
87; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Howson and Howson
STREET: Box 457, 321 No. 6270996ristown Road
STATE: Paring House
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERALING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release 1.0 Version 1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: GNVPN012CIPUSA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/563,869P
PILING DATE: 03-May-2000
CLASSIFICATION: «UNKNOWT»
0; Mismatches
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APPLICATION NUMBER: 08/973,334
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/549,489
FILING DATE: 27-OCT-1995
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SEQUENCE DESCRIPTION: SEQ ID NO::1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 540-9206
TELEFAX: (215) 540-5818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 3653 base pairs
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STRANDEDNESS: double
TOPOLOGY: not relevant
MOLECULE TYPE: CDNA
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84; Conservative
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ZIP: 19477
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Patent No. 6608238
GENERAL INFORMATION:
APPLICANT: Gavora, Jan S.
APPLICANT: Falconer, Marcia M.
APPLICANT: Benkel, Bernhard F.
TITLE OF INVENTION: Trans-Somatics With Gene Transfer Into Mammary Epithelial Cells FILE REFERENCE: GALA-06402
CURRENT APPLICATION WUMBER: US/09/645,004
CURRENT FILING DATE: 2000-08-24
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                   APPLICANT: Gavora, Jan S.
APPLICANT: Gavora, Jan S.
APPLICANT: Falconer, Marcia M.
APPLICANT: Palconer, Thuy H.
APPLICANT: Benkel, Bernhard F.
TITLE COF INVENTION: Trans-Somatics With Gene Transfer Into Mammary Epithelial Cells FILE REPRENCE: GALA-06402
CURRENT FILING DATE: 2000-08-24
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.2
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184 TTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTCCGCGCGAAAAA 234
                                       433 AAAAATATTTTTTAGCAAGCATTCTTATTTCTATTTCTGAAGGACAAAA 383
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13.4%; Score 31.8; DB 4; Length 7311;
Best Local Similarity 49.1%; Pred. No. 4.2;
Matches 84; Conservative 0; Mismatches 87; Indels 0
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Pred. No. 4.
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US-09-645-004-4
                                                                                                                                               Sequence 3, Application US/09645004
Patent No. 6608238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: Plasmid pLNMX US-09-645-004-3
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1 Similarity 49.1%;
84; Conservative (
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US-09-645-004-4/c
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LENGTH: 7885
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LENGTH: 7311
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Best Local S:
Matches 84
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CTGTCTATTATCCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGACTTCCCAAAGT 123

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87; Indels

0; Mismatches

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3297 CITTICTATITICTATITICCATITICTAACTICTGAATTITGAGTAAAAATAGTAAAAAA 3238
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                                                        124 TATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTTACCAAAGGACTTTACTATGTGAA 183
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                                                                                                                                                                                                                                         3177 aaaaarararrrragcaagcarrcrrarrrcrarrrcraaggacaaaa 3127
                                                                                                                                                                                   184 TIAAATIGICAAACIAGICAGAICAATAAAATITICCGCGCGAAAAA 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   184 TTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTCCGCGCGAAAAA 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               430 AAAAATATTTTTTAGCAAGCATTCTTATTTCTATTTCTGAAGGACAAAA 380
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US-09-152-225A-10/C

Sequence 10, Application US/09552225A

Patent No. 6521233

GENERAL INFORMATION

APPLICANT: Bishop, Paul

TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACRP3

TITLE FERENCE: 99-09

CURRENT APPLICATION NUMBER: US/09/552,225A

CURRENT PILING DATE: 1999-04-19

PRIOR PFLIGATION NUMBER: 60/130,199

PRIOR FILING DATE: 1999-04-20

NUMBER OF SEQ ID NOS: 20

SEQ ID NO 10

LENGTH: 738
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Erickson, Sharon
APPLICANT: Erickson, Sharon
APPLICANT: Schwall, Ralph
APPLICANT: King, Kathleen
TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL
TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL
CURRENT APPLICATION NUMBER: US/09/811,115
CURRENT FILING DATE: 2001-03-16
PRIOR PLING DATE: 2001-03-16
PRIOR FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SSEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              87;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 13.4%; Score 31.8; Di
Best Local Similarity 49.1%; Pred. No. 4.6;
Matches 84; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CTHER INFORMATION: Vector Sequence US-09-811-115-1
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09811115 Patent No. 6632979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
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3 TITITITITIGGGGAGGAAATCACGGCTTCGGATGCAACAGTCTTCTCTCAATTGGCA 62
                                                                                                                                                                0; Gaps
) OTHER INFORMATION: Degenerate nucleotide sequence encoding the CTHER INFORMATION: polypeptide of SEQ ID NO:2
) NAME/KEY: variation
| LOCATION: (1) ... (738)
| OTHER INFORMATION: Each N is independently any nucleotide US-09-552-225A-10
                                                                                                                                                                                                                                                                                                                                              123 TTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGAC 170
                                                                                                                                                                                                                                                                                                                                                                 Ouery Match 13.2%; Score 31.4; DB 4; Length 738; Best Local Similarity 29.8%; Pred. No. 2.3; Matches 50; Conservative 31; Mismatches 87; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                      Search completed: January 22, 2005, 02:14:30 Job time : 52.0695 sec8
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3632, Ap 59600, A 794, App 17649, A

Sequence 59600, A Sequence 17649, App Sequence 111553, Sequence 111553, Sequence 111553, Sequence 11553, Sequence 232695, Sequence 232695, Sequence 232696, Sequence 232696, Sequence 232697, Sequence 12791, Sequence 112791, Sequence 112791, Sequence 112791, Sequence 23697, Sequence 23697,

Sequence 4562, Ap Sequence 4562, Ap Sequence 1, Appli Sequence 6, Appli

sequence 7, Appli sequence 1, Appli

Gaps ö

Score

Result

Sequence 6, A Sequence 6, A Sequence 6, A Sequence 6, A Sequence 1, A

Sequence:

е Е

Run

Searched:

Database

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Sequence 49714, Application US/10242535A
; Publication No. US20040013663A1
; GENERAL INFORMATION:
    APPLICANT: ChondroGene Inc.
; APPLICANT: ChondroGene Inc.
; APPLICANT: ChondroGene Inc.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; TITLE OF INVENTION: UNMBER: US/10/242,535A
; CURRENT APPLICATION NUMBER: US/10/242,535A
; CURRENT FILING DATE: 2002-09-12
; PRIOR FILING DATE: 2001-07-13
; PRIOR FILING DATE: 2001-07-13
; PRIOR FILING DATE: 2001-07-13
; PRIOR FILING DATE: 2001-03-12
; PRIOR FILING DATE: 2001-03-12
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       regrada gart gart de crearit transfera a de contra de co
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6 US-10-240-425-971
6 US-10-398-221-3632
8 US-10-311-455-794
6 US-10-424-59-17649
3 US-10-027-632-111552
3 US-10-027-632-111552
5 US-10-027-632-111553
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3 US-10-027-632-111553
5 US-10-027-632-111593
5 US-10-027-632-111291
5 US-10-027-632-232696
6 US-10-027-632-232696
7 US-09-938-842A-4562
7 US-09-938-842A-4562
7 US-09-897-006-6
7 US-09-897-511A-6
7 US-09-897-511A-6
7 US-09-897-511A-6
8 US-10-339-333-1
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Best Local Similarity
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LENGTH: 263
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Matches
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Sequence 49714, A
                                                                                                                                                                                                                                             January 21, 2005, 17:02:48 ; Search time 279.197 Seconds (without alignments) 4898.046 Million cell updates/sec
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1 tttttttttttttggggag.....tttccgcgcgaaaaaaaaa
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                                        GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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6 US-10-085-783A-49714
0 US-10-739-930-3393
6 US-10-041-018-135
US-09-783-590-5790
3 US-10-027-632-221058
5 US-10-027-632-221059
5 US-10-027-632-221059
5 US-10-027-632-221059
6 US-10-240-589C-101
8 US-10-425-115-45605
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                                                                                                                                                                           OM nucleic - nucleic search, using sw model
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Maximum DB seq length: 2000000000
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Match Length DB
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Gaps

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1393 TTTTTTTTTTTGGAAGAATAAAGGCGGCCTCAGGAAGCAACTGCCATCTTCCATATC 1334
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      236 ACTICTCAGUTTICATAAGTATAGGGATGGAATICTAAATTAAACCTTTTTAACTCAAA 295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         172 TTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTCCGCGCGAAA 231
                                               1 ITTITITITITITICGGGAGGAAATCACGGCTTCGGAIGCAACAGICTICTCTCAATIGG 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: II, Haodong
APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Steven
Steven, Steven
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
FILE REFERENCE: P0-16.201
CURRENT APPLICATION NUMBER: US/09/783,590
CURRENT FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 08/420,856
PRIOR PILING DATE: 1999-04-12
PRIOR PILING DATE: 1999-11-21
NUMBER OF SEQ ID NOS: 12485
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 5790
                                                                                                                                                                                                                                                                                        US-10-04-018-135

US-10-04-018-135

Sequence 135, Application US/10041018

Publication No. US20040072323A1

GENERAL INFORMATION:

APPLICANT: Matsuda, Seiichi P.T.

APPLICANT: Hart, Elizabeth A.

TILLE OF INVENTION: Diterpene-Producing Unicellular Organism
FILE REFERENCE: PO2080015/10025547

CURRENT APPLICATION NUMBER: US/10/041,018

CURRENT PILING DATE: 2002-01-07

PRIOR APPLICATION NUMBER: US 60/259880

PRIOR FILING DATE: 2001-01-05

NUMBER OF SEQ ID NOS: 413

SOFTWARE: Patentin version 3.1

SEQ ID NO 135

LENGTH: 4233
                                                                                                                                                                                                      1333 AAACTTTCCGCTAGCATTTATGCGAATACATTAGCTATGTTTT 1291
42; Indels
                                                                                                                                                    61 CAACTGTCTATTATCCATTCCGCAATCACATTTCGGATGTTCT 103
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Pred. No. 19;
0; Mismatches
  0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dillon, Patrick J.
APPLICANT: Haseltine, William A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 54.3%;
Matches 69; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA; ORGANISM: GOSSYPium hirsutum
US-10-041-018-135
  61; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 232 AAAAAAA 238
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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US-10-739-930-3393/c
Sequence 3393, Application US/10739930
; Sequence 3393, Application US/10739930
; Publication No. US20040216190A1
; GENERAL INFORMATION:
    APPLICANT: KOVALIC, David K.
    TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
    TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT
    FILE REFERENCE: 38-21(53377)B
    CURRENT PPLICATION NUMBER: US/10/739,930
    CURRENT FILING DATE: 2003-12-18
    NUMBER OF SEQ ID NOS: 11088
    SEQ ID NOS: 11088
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CAAAGTTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTTACCCAAAGGACTTTACTA 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TGGCAACTGTCTATTATCCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGACTTCC 117
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     118 CAAAGTTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTTACTA 177
                                                  109 cringccrigaradaariciaacarcargcrccaagaararaariccaaraararracia 168
                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
FILE REPERENCE: 4231/2002
CURRENT APPLICATION NUMBER: US/10/085,783A
CURRENT FILING DATE: 2002-02-28
FRIOR PELICATION NUMBER: US 60/305,340
PRIOR FILING DATE: 2001-07-13
FRIOR APPLICATION NUMBER: US 60/275,017
PRIOR FILING DATE: 2001-03-12
FRIOR PELICATION NUMBER: US 60/271,955
FRIOR FILING DATE: 2001-03-12
FRIOR FILING DATE: 2001-03-12
FRIOR FILING DATE: 2001-03-12
FRIOR FILING DATE: 2001-03-13
FRIOR FILING DATE: 2001-03-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 16; Length 263;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
, OTHER INFORMATION: Clone ID: GLYMA-23APR03-CLUSTER2530_2
US-10-739-930-3393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      178 TGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATA 214
                                                                                                         178 TGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATA 214
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                                                                                                                                                       169 haaaaagraaartrraaaacrrrargrraaarraaca 205
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                                                                                                                                                                                                                                                                                   ; Sequence 49714, Application US/10085783A ; Publication No. US20040037841A1
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52.2%;
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Best Local Similarity 52.2
Matches 82; Conservative
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APPLICANT: ChondroGene Inc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Human
US-10-085-783A-49714
                                                                                                                                                                                                                                                                 US-10-085-783A-49714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 49714
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LOCATION: (408)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc feature
LOCATION: (417)
OTHER INFORMATION: n equals a,t,g, or c
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OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LOCATION: (262)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LOCATION: (270)
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OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LGCATION: (398)
OTHER INFORMATION: n equals a,t,g, o
NAME/KEY: misc feature
LOCATION: (408)
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OTHER INPORMATION: n equals a,t,g, o
NAME/KEY: misc feature
LOCATION: (302)
OTHER INPORMATION: n equals a,t,g, o
NAME/KEY: misc feature
LOCATION: (320)
LOCATION: (9)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
                                              LOCATION: (127)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
LOCATION: (211)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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JTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
I.OCATION: (388)
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JTHER INFORMATION: n equals a,t,g, NAME/KEY: misc feature

TOCATION: (391)
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THER INFORMATION: n equals a,t,g,
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FION: (348)
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THER INFORMATION: n equals a,t,g,
AME/KEY: misc feature
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THER INFORMATION: n equals a,t,g,
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THER INFORMATION: n equals a,t,g,
IAME/KEY: misc feature
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AME/KEY: misc feature
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AME/KEY: misc feature
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FION: (345)
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68 CTATTATCCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGACTTCCCAAAGTTATT 127 281 CTACTAATAACNĆĆAAATNAAATTTAATAACTCTAČTACAGGAGĆTTNĆĆACTTTTTCA 222 128 GGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTTACTATGTGAATTAA 187 221 TAAGITGITANCAACATITITGATTITTGGGTTATTCAGAACATCTAACAGCATGITCTAA 162 Gaps Sequence 221058, Application US/10027632

Fublication No. US2020198371A1

GENERAL INFORMATION:
TITLE OF INVENITON: Identification and Mapping of Single Nucleotide
TITLE OF INVENITON: Identification and Mapping of Single Nucleotide
TITLE OF INVENITON: Dolymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-12 ; 0 14.0%; Score 33.4; DB 9; Length 499; 50.3%; Pred. No. 13; 75; Indels tive 0; Mismatches 75; Indels 188 ATTGTCAAACTAGTAGTCAGATCAATAAAT 218 ATGTTCAAATTAAAAGGTAATTACATGAAAT 131 LOCATION: (468) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature υ υ υ U LOCATION: (487) OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature OTHER INFORMATION: n equals a,t,g, or c NAME/KEY: misc feature ) OTHER INFORMATION: n equals a,t,g, or c US-09-783-590-5790 ບ LOCATION: (467) OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature LOCATION: (481) OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature or or OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature or or a,t,g, or LOCATION: (439) OTHER INFORMATION: n equals a,t,g, NAME/KEY: misc feature LOCATION: (456) OTHER INFORMATION: n equals a,t,g, NAME/KEY: misc feature LOCATION: (470) OTHER INFORMATION: n equals a,t,g, NAME/KEY: misc feature LOCATION: (438) OTHER INFORMATION: n equals NAME/KEY: misc feature LOCATION: (476) OTHER INFORMATION: n equals NAME/KEY: misc feature Query Match Best Local Similarity 50.33 Matches 76; Conservative misc feature RESULT 6 US-10-027-632-221058/c 161 LOCATION: g ઠે à à dd

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; OTHER INFORMATION: n = A,T,C or G US-10-027-632-221059
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  256 ATGGAATATAATTAACAATAAGAGAAATATTCTAAATCCAGGTCTGAGAAAGGAAAAA 197
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Pred. No. 15;
0; Mismatches
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-09
SROWER OF FILING DATE: 1999-00-09
SROWER OF SEC ID NOS: 325720
SOFTWARE: FastSEC for Windows Version 4.0
SEC ID NO 221058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; LOCATION: (1)...(621)
; OTHER INFORMATION: n = A,T,C or G
US-10-027-632-221058
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 52.5%;
Matches 73; Conservative
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NAME/KEY: misc\_feature

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100 TICTCGAAAAGGACTICCCAAAGTTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTT 159
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT FILING DATE: 2002-04-30
PRIOR PAPLICATION NUMBER: US 60/218,006
PRIOR PLING DATE: 2000-07-12
PRIOR PLING DATE: 2000-07-12
PRIOR PLING DATE: 2000-04-20
PRIOR PLING DATE: 2000-04-20
PRIOR PLING DATE: 2000-03-29
PRIOR PLING DATE: 2000-03-29
PRIOR PLING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
PRIOR PLING DATE: 1999-11-23
PRIOR PLING DATE: 1999-11-23
PRIOR PLING DATE: 1999-09-28
PRIOR PLING DATE: 1999-09-28
PRIOR PLING DATE: 1999-09-08
PRIOR PLING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PLING DATE: 1999-08-09
                                                                                                                                                                                                                    Gaps
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   Length 621;
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   DB 13;
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Pred. No. 15;
0; Mismatches
Score 33.4; D
Pred. No. 15;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 221058, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
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US-10-027-632-221058
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Best Local Similarity 52.5%;
Matches 73; Conservative
Query Match
Best Local Similarity 52.5%;
Matches 73; Conservative
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                                                                                                                                                                                                            OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
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                                                                                                                                                                                                                                                                                                                                                                                                                        Length 7456;
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publication No. US20040076956Al

GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEBENBROCK, Christian
APPLICANT: DISAGNOSIS of Diseases Associated with
TILLE OF INVENTION: Disagnosis of Diseases Associated with
TILLE OF INVENTION: DAS TO SEPPORT OF THE CONTRAIN SEPPORT OF THE SERVING NUMBER: US/10/240,589C
CURRENT FILING DATE: 2003-09-02
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
PRIOR PILICATION NUMBER: DE 10019173.8
PRIOR PILICATION NUMBER: DE 1001916.1
PRIOR PILICATION NUMBER: DE 1001916.1
PRIOR PILICATION NUMBER: DE 1001916.1
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14.0%; Score 33.4; DB 15;
Best Local Similarity 47.0%; Pred. No. 42;
Matches 103; Conservative 0; Mismatches 116;
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Pred. No. 42;
                                                                                                                                                                                                                                                                   NAME/KEY: unsure
LOCATION: 2979, 2998, 3001
OTHER INFORMATION: n is a or g or c or
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; OTHER INFORMATION: n is a or g or c
US-10-240-589C-101
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                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 2424
SEQ ID NO 1903
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SEQ ID NO 101
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Best Local Similarity
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LOCATION: (2979,
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                                                                                               7456
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Publication No. US20030143606A1
GENERAL INFORMATION:
APPLICANT: PIEPENBROCK, Christian
APPLICANT: SIERLIN, Kurt
TITLE OF INVENTION: Cytosine methylation
TITLE OF INVENTION: Cytosine methylation
FIER REFERENCE: 5013.1014
CURRENT FILING DATE: 2002-12.16
PRIOR APPLICATION NUMBER: PCT/EP01/07537
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043026.1
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
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; Pred. No. 15;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/218, 006
PRIOR FILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-20
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
PRIOR PLICATION NUMBER: US 60/193, 483
PRIOR PLICATION NUMBER: US 60/185, 218
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/15/363
PRIOR PLICATION NUMBER: US 60/15/363
PRIOR FILING DATE: 1999-11-23
PRIOR PLICATION NUMBER: US 60/15/369
PRIOR PLICATION NUMBER: US 60/15/369
PRIOR PLICATION NUMBER: US 60/15/369
PRIOR PLILING DATE: 1999-09-28
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                             Sequence 221059, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
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; OTHER INFORMATION: n = A,T,C or G
US-10-027-632-221059
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Best Local Similarity 52.5%;
Matches 73; Conservative
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                                                                JS-10-027-632-221059/c
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FEATURE: OTHER INFORMATION: Genbank Accession No. US20040033502A1 A1890347
                   CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: PCT/USO1/09847
PRIOR FILING DATE: 2001-03-28
PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 1586
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 971
LENGTH: 620
CURRENT APPLICATION NUMBER: US/10/240,425
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NAME/KEY: unsure
LOCATION: (1)..(620)
INTER INFORMATION: n = a or c or g or US-10-240-425-971
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Best Local Similarity 53.32
These 91; Conservative
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                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Homo sapiens
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Best Local Similarity
Matches 55; Conserva
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APPLICANT: Kovalic, David K.
APPLICANT: Thous
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongue
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
TITLE OF INVENTION: Plants
CURRENT APPLICATION UMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
                                                                                                                                                                                                                                                                                                                   174 Trcatritacartrigacgaagraarcnaggcriccaaggcarccartrcagcricactrag 115
                                                                                                                                                                                                            143 AAGAGTGTATTTTAAATTTGTTTATTTTTTTTTTTTTATGATTATAGTTTTTGA 202
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                                                                                                       1 TITITITITITITITIGGGAGGAAATCACGGCTTCGGATGCAACAGTCTTCTCTCAATTGG 60
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                                                      TITITITITITITIGGGGAGGAAATCACGGCTTCGGATGCAACAGTCTTCTCTCAATTGGC
  0; Gaps
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ENDITION NO. 10220040033502A1
APPLICANT: Williams, Amanda
APPLICANT: Boland, Joseph F.
APPLICANT: Lord, Reginald V.
APPLICANT: Alvarez, Chris
APPLICANT: Alvarez, Chris
APPLICANT: Scherf, Uwe
APPLICANT: Vockley, Joseph G.
APPLICANT: Vockley, Joseph G.
APPLICANT: Scherf, Uwe
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  0; Mismatches 116; Indels
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                                                                                                                                                                                                                                                                                                                                                                          182 AATTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTT 220
                                                                                                                                                                                                                                                                                                                                                                                                                           263 TATTTAGTAATTTAAATTATTTTAAAAAAAAAAAAAATT 301
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1)..(429)
OTHER INFORMATION: unsure at all n locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 45665, Application US/10425115; Publication No. US20040214272A1; GENERAL INFORMATION:
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  Matches 103; Conservative
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US-10-425-115-45605/c
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US-10-240-425-971/c
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2377 GAÁTTIGITITITIAICTTÍTICCCCÁAGCÁCAAACGAÁTGGATGGATGÁAAÁCTÍCGCT 2436
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                                                                                         70 ATTATCCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGACTTCCCAAAGTTATTGG 129
                                                                                                                                     182 ATTTTAAAATGAGCAAAGAATGTTGAAGTTCAGATTAATCTCTTCTGAATGATTTT 123
                                                                                                                                                                                           130 AGTACTGTG-AAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTTACTATGTGAATTAAA 188
                                                                                                                                                                                                                                           122 TITCCICIGIGAIGAGIIGIITCIGACIITITICCITITIGIATITIGIAAIGIIGAITAAG 63
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                                                                                                                                                                                                                                                                                                                                        Length 3423;
Length 620;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: KUNST, Frederik
APPLICANT: KUNST, Frederik
APPLICANT: GLASER, Philippe
TITLE OF INVENTION: Listeria innocua, genome and applications
FILE REFERENCE: 344 702 - 024
CURRENT APPLICATION NUMBER: US/10/398,221
CURRENT FILING DATE: 2003-03-27
PRIOR FPLING DATE: 2001-0-04
PRIOR FILING DATE: 2001-0-04
PRIOR FILING DATE: 2001-10-04
PRIOR FILING DATE: 2001-10-04
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; OTHER INFORMATION: n can be any nucleotide: a,g,c or t/u US-10-398-221-3632
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Pred. No. 45;
0; Mismatches 37;
13.9%; Score 33.2; DB 16; 53.5%; Pred. No. 17;
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                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3632, Application US/10398221 Publication No. US20040018514A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Listeria monocytogenes 4b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 4025
SOFTWARE: Patentin version 3.0
SEQ ID NO 3632
LENGTH: 3423
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Sequence 59600, Application US/10425115
; Sequence 59600, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
    APPLICANT: La Rosa, Thomas J.
    APPLICANT: Zhou, Yihua
    APPLICANT: Zhou, Yihua
    APPLICANT: Cao, Yongwin
    TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
    TITLE OF INVENTION: Plants
    TITLE OF INVENTION: Plants
    TITLE OF INVENTION: Plants
    CURRENT APPLICATION NUMBER: US/10/425,115
    CURRENT FILING DATE: 2003-04-28
    NUMBER OF SEQ ID NOS: 369326
    SEQ ID NO 59600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 CAACTGTCTATTATCCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGACTTCCCAA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 62 CCAAGGCCCATIATCCCCAAGGAATAATGCTTCGATGGACGAAGAACATTAACATTTAA 121
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13.7%; Score 32.6; DB 18; Length 615;
Best Local Similarity 46.6%; Pred. No. 25;
Matches 104; Conservative 0; Mismatches 119; Indels 0
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2437 CAACATCTGGCATAGTACGAAATGTTTCGGCA 2468
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; OTHER INFORMATION: Clone ID: MRT4577_154352C.1
US-10-425-115-59600
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ORGANISM: Zea mays
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Search completed: January 22, 2005, 05:10:45 Job time: 283.197 secs

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                                                                                              January 21, 2005, 17:02:43 ; Search time 44.1213 Seconds (without alignments) 3447.516 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-215-817-1
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## ALIGNMENTS

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Sequence 1, Application US/08916421B

Sequence 1, Application US/08916421B

Sequence 1, Application US/08916421B

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
Patent No. 6503729

TITLE OF INVENTION:
GURRENT PILING DATE:
1997-08-22

CURRENT PILING DATE:
1996-08-22

PRIOR FILING DATE:
PRIOR FILING DATE:
1996-08-22

NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn version 3.1

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ORGANISM: Methanococcus jannaschii
FRATURISM: Misc feature
IOCATION: (28222)...(28222)
OTHER INPORMATION: n equals a, t, c,
NAME/KEY: misc feature
IOCATION: (28257)...(28258)
OTHER INPORMATION: n equals a, t, c,
NAME/KEY: misc feature
IOCATION: (84773)...(84773)
OTHER INFORMATION: n equals a, t, c,
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LOCATION: (98266)..(98266)
OTHER INFORMATION: n equals a,
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LOCATION: (98343). (98343)
US-08-916-421B-1/c
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NAME/KEY: misc_fea LOCATION: (103998) OTHER INFORMATION: (103998) OTHER INFORMATION: (148948) OTHER INFORMATION: (148948) OTHER INFORMATION: (148948) OTHER INFORMATION: (149185) OTHER INFORMATION: (191899) OTHER INFORMATION: (191899) OTHER INFORMATION: (191995) OTHER INFORMATION: (231980) OTHER INFORMATION: (231980) OTHER INFORMATION: (234187) OTHER INFORMATION: (2345837) OTHER INFORMATION: (2345837) OTHER INFORMATION: (235939)	LOCATION: OTHER INFO NAME/KEY INFO NAME/KEY INFO NAME/KEY INFO NOTHER INFO NAME/KEY INFO NOTHER INFO NAME/KEY INFO

SO1803 AAGAAGCTAAAGTAGCTATAAAAATTAACAGAATATTCAAATAATAAAGAATATTTTAT SO1744 501804 139 AGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTACGT 198 79 GAAAAGGACTICCCAAAGTTATIGGAGTACTGTGAAAGAGTICGTCATGAAGTTICCCAA 138 501863 GAGGAAAATTCCTAAAGGAGTTGGAGGAGTTTGTTAAAAATCTAAAGGAAGCGACTAAA 0; Gaps Query Match 16.4%; Score 35.2; DB 4; Length 1664976; Best Local Similarity 53.7%; Pred. No. 5.2; Matches 73; Conservative 0; Mismatches 63; Indels 0; C φ b or or or ö or c, or t, c, or ΰ ບັ ϋ ΰ ΰ ΰ ΰ ϋ ΰ ບັ 501743 AGGACAATAAAGTAA 501728 NAME/KEY: misc\_feature LOCATION: (1637998)..(1637998) OTHER INFORMATION: n equals a, t, NAME/KEY: misc\_feature LOCATION: (1664854)..(1664855) OTHER INFORMATION: n equals a, t, LOCATION: (779455)...(779455)
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NAME/KEX: misc\_feature
LOCATION: (779676)...(779676)
OTHER INFORMATION: n equals a, t,
NAME/KEX: misc\_feature
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NAME/KEY: misc\_feature
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LOCATION: (1569020)
OTHER INFORMATION: n equals a, t,
NAME/KEY: misc\_feature
LOCATION: (1602912). (1602912)
OTHER INFORMATION: n equals a, t,
NAME/KEY: misc\_feature
LOCATION: (1603734). (1603734)
OTHER INFORMATION: n equals a, t, NAME/KEY: misc feature LOCATION: (871619)..(871619) OTHER INFORMATION: n equals a, NAME/KEY: misc feature LOCATION: (1313224)..(1313224) OTHER INFORMATION: n equals a, NAME/KEY: misc\_feature\_ LOCATION: (1084830)..(1084830) OTHER INFORMATION: n equals a, NAME/KEY: misc\_feature LOCATION: (1096846)...(1096846) OTHER INFORMATION: n equals a, NAME/KEY: misc\_feature LOCATION: (1470091)..(1470091) OTHER INFORMATION: n equals a, NAME/KEY: misc feature LOCATION: (1349473)..(1349473) OTHER INFORMATION: n equals a, LOCATION: (1349491)...(1349491) OTHER INFORMATION: n equals a, NAME/KEY: misc\_feature 199 GGAAAAAAAAAAAA 214 NAME/KEY: misc\_feature NAME/KEY: misc\_feature 엄 g ò à ò

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NAME/KEY: misc feature
LOCATION: (674435)..(674435)
OTHER INFORMATION: n equals a, t, c, or
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LOCATION: (234814)..(234814)
OTHER INFORMATION: n equals a, t, c,
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NAME/KEY: misc_feature
LOCATION: (309398)..(309398)
OTHER INFORMATION: n equals a, t, c,
          OTHER INFORMATION: n equals a, t, c,
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LOCATION: (600992) ..(600992)
OTHER INFORMATION: n equals a, t,
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                                                                                                                               NAME/KEY: misc feature
LOCATION: (191995)..(191995)
OTHER INFORMATION: n equals a,
                                                                                                                                                                                                            NAME/KEY: misc feature
LOCATION: (231980)..(231980)
OTHER INFORMATION: n equals a,
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NAME/KEX: misc_feature
LOCATION: (309418). (309418)
OTHER INFORMATION: n equals a,
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LOCATION: (312837)..(312837)
OTHER INFORMATION: n equals a,
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LOCATION: (312993)..(312993)
OTHER INFORMATION: n equals a,
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LOCATION: (319226)..(319226)
OTHER INFORMATION: n equals a,
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LOCATION: (622708)..(622708)
OTHER INFORMATION: n equals a,
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LOCATION: (657081)..(657081)
OTHER INFORMATION: n equals a,
                                             NAME/KEY: misc feature
LOCATION: (191989)..(191989)
OTHER INFORMATION: n equals a,
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LOCATION: (234220) ..(234220)
OTHER INFORMATION: n equals a,
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LOCATION: (657203)..(657203)
OTHER INFORMATION: n equals a,
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LOCATION: (559167)..(559167)
OTHER INFORMATION: n equals
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NAME/KEY: misc feature
LOCATION: (234187)..(234187)
OTHER INFORMATION: n equals
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LOCATION: (559241)..(559241)
OTHER INFORMATION: n equals
RESULT 2

US-09-692-570-1/C

J Sequence 1, Application US/09692570

J Batent No. 6797466

J GENERAL INFORMATION:

APPLICANT: Bult et al.

TITLE OF INVENTION: Complete Genome Sequence of the Methanogenic Archaeon, Methanococ

Patent No. 6797466

TITLE OF INVENTION: jannachii

TITLE OF INVENTION: Qolore 1 jannachii

FILE REFERENCE: PB275C1

CURRENT APPLICATION NUMBER: US/09/692.570

CURRENT FILING DATE: 1997-08-12

PRIOR APPLICATION NUMBER: US 60/024,428

PRIOR PELING DATE: 1997-08-22

PRIOR PILING DATE: 1997-08-22

PRIOR FILING DATE: 1997-08-22

PRIOR FILING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 20

SOFTWARE: Patentin version 3.1

SEQ ID NO 1

LENGTH: 1664976
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NAME/KEY: misc_feature
LOCATION: (98239). (98239)
OTHER INFORMATION: n equals a, t, c,
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LOCATION: (98159)..(98159)
OTHER INFORMATION: n equals a, t,
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NAME/KEY: misc_feature
LOCATION: (98266)
OTHER INFORMATION: n equals a, t,
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LOCATION: (28222)..(28222)
OTHER INFORMATION: n equals a, t,
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LOCATION: (28257)..(28258)
OTHER INFORMATION: n equals a, t,
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CCATION: (98343)..(98343)
OTHER INFORMATION: n equals a, t,
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LOCATION: (103998)..(103998)
NIHER INFORMATION: n equals a, t,
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LOCATION: (98120)..(98120)
OTHER INFORMATION: n equals a, t,
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LOCATION: (84773)..(84773)
OTHER INFORMATION: n equals a,
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LOCATION: (84808)..(84808)
OTHER INFORMATION: n equals a,
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LOCATION: (84812)..(84812)
OTHER INFORMATION: n equals a,
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COCATION: (148948)..(148948)
OTHER INFORMATION: n equals a,
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NAME/KEY: misc feature
LOCATION: (163385)..(163385)
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2311 ATAGGGAAATATAATCTTTATTTTGTGACAGGGAAATATTTCCTCTAGAGGGTCACAAAA 2370
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                                                              GENERAL INFORMATION:
APPLICANT: Dunn, John
APPLICANT: Randesi, Matthew
TITLE OF INVENTION: DELETIONS
TITLE OF INVENTION: DELETIONS
TITLE OF INVENTION: DELETIONS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS: 3
ADDRESSES Brochaven National Laboratory
STREET: P.O. Box 5000
CITY: Upton
STATE: New York
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 34.8; DB 2; Length 10754; Pred. No. 1.3; 0; Mismatches 62; Indels 0;
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Sequence 1, Application US/09215817;
Patent No. 5968786;
GENERAL INFORMATION:
APPLICANT: Dunn, John
APPLICANT: Randesi, Matthew
TITLE OF INVENTION: METHODS FOR INTRODUCING UNIDIRECTIONAL TITLE OF INVENTION: DELETIONS
TITLE OF INVENTION: DELETIONS
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSES: Brookhaven National Laboratory
STREET: P.O. Box 5000
                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRANT APPLICATION DATA:
APPLICATION NUMBER: US/08/966,958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AFFLIANCE DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BEGGSIAN, MARGARETION:
REFERENCE/DOCKET NUMBER: 25,324
REFERENCE/DOCKET NUMBER: AU19:
TELECHOMINICATION INFORMATION:
TELEPHONE: (516) 344-3729
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                Sequence 1, Application US/08966958 Patent No. 5928908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic) US-08-966-958-1
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Best Local Similarity 53.7%;
Matches 72; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
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                  US-08-966-958-1
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16.4%; Score 35.2; Di
Best Local Similarity 53.7%; Pred. No. 5.2;
Matches 73; Conservative 0; Mismatches
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LOCATION: (1349473)..(1349473)
OTHER INFORMATION: n equals a, t, c, or g
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LOCATION: (1313224)..(1313224)
OTHER INFORMATION: n equals a, t, c,
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AAME/KEY: misc feature
LOCATION: (682442)..(682442)
MHER INFORMATION: n equals a, t,
                                                              FEATURE:
NAME/KEY: misc feature
LOCATION: (713652)..(713652)
QTHER INFORMATION: n equals a, t,
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LOCATION: (1084830)..(1084830)
OTHER INFORMATION: n equals a, t,
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LOCATION: (1096846)..(1096846)
OTHER INFORMATION: n equals a, t,
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LOCATION: (1119881)..(1119881)
OTHER INFORMATION: n equals a,
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LOCATION: (1310988)..(1310988)
OTHER INFORMATION: n equals a,
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LOCATION: (741684)
OTHER INFORMATION: n equals a,
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LOCATION: (1130881)..(1130881)
OTHER INFORMATION: n equals a,
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LOCATION: (779676)..(779676)
OTHER INFORMATION: n equals a,
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NAME/KEY: misc feature
LOCATION: (871619).
OTHER INFORMATION: n equals a,
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LOCATION: (855539)...(855539)
OTHER INFORMATION: n equals a,
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CAME/KEY: misc feature
CACATION: (779455)..(779455)
DTHER INFORMATION: n equals a,
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Gaps 0,

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2371 AĞTAACTAATAAGGGAAAAAATTGACAAACTGGACTTCATCAAAATTAATCATCTTTT 2430
                                             2311 ATAGGGAATATAATCTTTATTTTGTGACAGGCAAATATTTCCTCTAGAGGGTCACAAAA 2370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11 TGAAAGAGTTCGTCATGAAGTTTCCCAAAGGACTTTACTATGTGAATTAAATTGTCAAAC 170
80 AAAAGGACTICCCAAAGITATIGGAGIACIGIGAAAGAGITCGICAIGAAGITICCCAAA 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           140 GGACTTTACTATGTGAATTAAATTGTCAAACTAGTCAGATCAATAAAATTTTACGTG
                                                                                                                                                                                                                                                                                                                                                  US-09-513-999C-25584

Sequence 25584 Application US/09513999C

Sequence 25584 Application US/09513999C

Sequence 25584 Application US/09513999C

GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.S.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
FILE REPRENCE: 59.102.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT APPLICATION NUMBER: US 60/122,487

PRIOR FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 33.8; DB 4; Length 184; Pred. No. 0.64; 0; Mismatches 42; Indels (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 171 TAGTAGTCAGATCAATAAAATTTTACGTGGAAAAAAAAA 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cahoon, Saverio Carl
APPLICANT: Falco, Saverio Carl
APPLICANT: Gutteridge, Steven
APPLICANT: Gutteridge, Steven
APPLICANT: Hitz, William D.
APPLICANT: Hac, William D.
APPLICANT: Tao, Yong
APPLICANT: Wollmer, Steven J.
TITLE OF INVENTION: TRYPTOPHAN BIOSYNTHETIC ENZYMES
FILE REFERENCE: BB-1150-A
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 60/079,386
PRIOR APPLICATION NUMBER: 60/079,386
PRIOR FILING DATE: 1999-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 23, Application US/09647224A Patent No. 6482631
                                                                                                                                                                                                                                                            2431 GTTCATCAAAGAAA 2444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 58.4%;
Matches 59; Conservative
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SOFTWARE: Microsoft Office 97
SEQ ID NO 23
                                                                                                                                                                                                         200 GAAAAAAAAAAA 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 25584
LENGTH: 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-513-999C-25584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-647-224A-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2371 AGTAACTAATAAGGGAAAAAATTGACAAACTGGACTTCATCAAATTAATCATCTTTTT 2430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          80 AAAAGGACTTCCCAAAGTTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTCCCAAA 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              140 GGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTACGTG 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09342353;
Patent No. 6248569;
GENERAL INFORMATION:
APPLICANT: Dunn, John
TITLE OF INVENTION: METHOD FOR INTRODUCING UNIDIRECTIONAL NESTED DELETIONS;
FILE REFERENCE: CIP OF U.S. Application 08/966,958
CURRENT FILING DATE: 1999-06-29;
EARLIER PAPLICATION NUMBER: 08/966,958
EARLIER PILING DATE: 1997-11-10
EARLIER FILING DATE: 1997-11-10
SOFTWARE: PATENTION OS: 5
SOFTWARE: PATENTION OS: 5
SOFTWARE: PATENTION OS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               16.3%; Score 34.8; DB 3; Length 10754; 53.7%; Pred. No. 1.3; tive 0; Mismatches 62; Indels 0;
                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/215,817
                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/ACENT INFORMATION:
NAME: Bogosian, Margaret
REGISTRATION NUMBER: 25,324
REFERENCE/DOCKET NUMBER: AU197-14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 344-3341
                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/966,958
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : LUBERAN: (516) 344-3341
: TELEFAX: (516) 344-3729
INPORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10754 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: DNA (genomic)
US-09-215-817-1
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Best Local Similarity 53.7
Matches 72; Conservative
                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
CRGANISM: Homo sapiens
US-09-342-353-1
Upton
New York
                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
                                                  SD
                                                                        11973
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Gaps ö Gaps

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Craig A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5256
                                                                                                                                                                                                                   61 CACATTTCGGATGTTCTCGAAAAGGACTTCCCAAAGTTATTGGAGTA--CTGTGAAAGAG 118
                                                                                                                                                                                                                                                             125 chgccrargtrichatagghgccrchcchachaghrhrhrhrhrhrhrhrhrhadhg 184
                                                                                                                                                                        65 AAAGCCTTAATCCGACAGTTTCTGTTTTACCCATTGGCGACTTTCGACGTTTCTGGCCAA
                                                                                                                                1 AAATCATGGCGGCGGATGCAACAGTCTTCTCAATTGGCAACTGTCTATATCATTCCGCAA
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                                        Length 231;
                                                                                                                                                                                                                                                                                                                                                          185 TICAIGAIAGACTITICCIAAIGATIAGGCAAIGGAATITGAAAIG 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS Version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION NUMBER: US/08/956,171E
FILING DATE: 20-Oct-1997
CLASSIFICATION: «Unknown»
                                                                                74; Indels
                                                                                                                                                                                                                                                                                                               119 TTCGTCATGAAGTTTCCCAAAGGACTTTACTATGTGAATTAAATTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    41;
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Pred. No. 3.4;
                                          DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
                                        Score 33.6; DB
Pred. No. 0.78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Mark J. Hyman
REGISTRATION NUMBER: 46,789
REFERENCE/DOCKET NUMBER: PB248P1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 310:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 310, Application US/08956171E Patent No. 6593114 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (240) 314-1224
TELEFAX: (301) 309-8439
INFORMATION FOR SEQ ID NO: 310:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 12173 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gil H. Choi
Patrick S. Dillon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Charles Kunsch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 58.6%;
Matches 58; Conservative
                                          15.7%;
54.2%;
                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Rockville STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                                                                Local Similarity
nes 90; Conserve
US-09-107-532A-2950
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US-08-956-171E-310
                                             Query Match
Best Local S:
Matches 90
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Patent No. 6583275
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
APPLICANT: Lynn A DOUCELE ACID ANINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES AND THERAPEUTICS
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                 973 gereretratradak geceked geritatretak errerikerrekitretakak erri 1032
                                                                                                                                                                                                                                                                                                                                         73 GITCICGAAAAGGACIICCCAAAGIIAIIGGAGIACIGIGAAAAGAGIICGICAIGAAGII 132
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                                                                                                                                                                 Gaps
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                                                                                                                 Score 33.8; DB 4; Length 1113; Pred. No. 1.2; 0; Mismatches 67; Indels 0
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ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OCERATING SYSTEM: cUnknown>
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc feature
LOCATION: (B) LŌCATION 1...231
SEQUENCE DESCRIPTION: SEQ ID NO: 2950:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
                                                                                                                                                                                                                                                                                                                                                                                                                                          1093 TAAAAAAAAAAAAAAAAAAAA
                                                                                                                                                                                                                                                                                                                                                                                             TTACGTGGAAAAAAAAAAA 213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (781)893-5007
TELEPKX: (781)893-8277
INFORMATION FOR SEQ ID NO: 2950:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 231 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 7310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Massachusetts
                                                                                                                    Query Match
Best Local Similarity 52.5%;
Matches 74; Conservative
                              TYPE: DNA
CRGANISM: Triticum aestivum
US-09-647-224A-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Waltham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-107-532A-2950
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ER APPLICATION NUMBER: PCT/US98/13684
ER FILING DATE: 1998-07-07
ER APPLICATION NUMBER: 60/051,926
ER APPLICATION NUMBER: 60/052,793
ER APPLICATION NUMBER: 60/052,793
ER PILING DATE: 1997-07-08
ER APPLICATION NUMBER: 60/051,925
ER PILING DATE: 1997-07-08
ER PILING DATE: 1997-07-08
ER PILING DATE: 1997-07-08
ER FILING DATE: 1997-07-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            R FILING DATE: 1997-08-18
R APPLICATION NUMBER: 60/055,947
R FILING DATE: 1997-08-18
R PILING DATE: 1997-08-18
R FILING DATE: 1997-08-18
R RILING DATE: 1997-08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: 60/058,664
EARLIER FILING DATE: 1997-09-12
EARLIER APPLICATION NUMBER: 60/058,660
EARLIER FILING DATE: 1997-09-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/052,803
FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/052,732
                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,932
FILING DATE: 1997-07-08
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/051,916
FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,930
FILING DATE: 1997-07-08
                                                                                                                                                                                                                                                                                             FILING DATE: 1997-07-08
APPLICATION NUMBER: 60/051,931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/051,918
FILING DATE: 1997-07-08
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FILING DATE: 1997-07-08
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APPLICATION NUMBER: 60/055,950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/052,733
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 60/052,795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/055,953
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1997-07-08
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ORGANISM: Homo sapiens
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EARLIER I
EARLIER I
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EARLIER |
EARLIER /
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                                      116 GAGTTCGTCATGAAGTTTCCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTA 175
116 GAGTTCGTCATGAAGTTTCCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTA 175
                                                                                                                                                                                                                                                                                             APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5255
CORRESPONDENCES: ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
CONNEX: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                         7392 GCTACAACTTACATATTATAAATGCATAAATTAAACAAA 7430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                7392 GCTACAACTTACATATTAAATGCATAAATTAAACAAA 7430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       176 GTCAGATCAATAAAATTTTACGTGGAAAAAAAAAAAA 214
                                                                                   ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP VECTRA 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,986A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 33.4; DB 4;
Pred. No. 3.4;
0; Mismatches 41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 69, Application US/09227357
Patent No. 6142581
GENERAL INFORMATION:
APPLICANT: Fischer et al.
TITLE OF INVENTION: 123 Human Secreted Proteins
FILE REFERENCE: PZ010P1
CURRENT APPLICATION NUMBER: US/09/227,357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Benson, Bob
REGISTRATION NUMBER: PB248PP
TELECOMMUNICATION:
TELEPHONE: (301) 309-8504
                                                                                                                                                                                                              US-08-781-986A-310
; Sequence 310, Application US/08781986A
; Patent No. 6737248
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FELEFAX: (301) 309-8512
| TELEFAX: (301) 309-8512
| SEQUENCE CHARACTERISTICS:
| EBNCTH: 12173 base pairs
| TYPE: nucleic acid
| TOPOLOGY: linear
| US-08-781-986A-310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15.6%;
ilarity 58.6%;
Conservative
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Best Local Similarity
Matches 58; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-227-357-69/c
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EARLIER FILING DATE: 1997-08-18
EARLIER PILING DATE: 1997-08-18
EARLIER PEDICATION NUMBER: 60/055,964
EARLIER FILING DATE: 1997-08-18
ER APPLICATION NUMBER: 60/051, 919
ER FILING DATE: 1997-07-08
ER APPLICATION NUMBER: 60/051, 928
ER FILING DATE: 1997-07-08
ER FILING DATE: 1997-08-18
ER FILING DATE: 1997-08-18
ER FILING DATE: 1997-08-18
ER RILING DATE: 1997-08-18
ER RELING DATE: 1997-08-18
ER FILING DATE: 1997-08-18
ER FILING DATE: 1997-08-18
ER FILING DATE: 1997-08-18
ER FILING DATE: 1997-08-18
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TITLE OF INVENTION: ESTs and Encoded Human Proteins.
                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 14
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Sequence 1200, Application US/09134000C

Patent No. 6617156

GENERAL INFORMATION:
TITLE OF INVENTION: UCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

TITLE OF INVENTION: UCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

TITLE OF INVENTION: UNDERR: US/09/134,000C

TITLE OF INVENTION UNDERR: US/09/134,000C

CURRENT FILING DATE: 1998-08-13

PRIOR RPLICATION NUMBER: US 60/055,778

PRIOR FILING DATE: 1997-08-15

NUMBER OF SEQ ID NOS: 6812

SOFTWARE: Patentin version 3.1

SEQ ID NO 1200

LENGTH: 1476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  94 AAGITATIGGAGIACIGIGAAAGAGITCGICAIGAAGITICCCAAAGGACITIACIAIGI 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         496 AAGTTAGTAGGTTTCTATGAAATCTTTGCCGTGTAATTTTTCAACCGATATAAAGGATTA 555
                                                                                                                                                                                                                                                                                                                                         71 AIGITCICGAAAAGGACITCCCAAAGITATIGGAGIACIGTGAAAGAGITCGICATGAAG 130
                                                                                                                                                                                                                                                                                                                                                                            278 AIGCITITIAAAAATCCWAAACIAACIAAIATCAGIAGCCAIGGAGICAICGGCIIGAGG 219
                                                                                                                                                                                                                                                                                                                                                                                                                 131 TTTCCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAA 190
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                154 GAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTACGTGGA 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Grcaaaratricgrraacarrraacgaaatraararrarraaracarca 603
                                                                                                                                                                                                                                                               Score 32.8; DB 3; Length 696;
Pred. No. 1.9;
1; Mismatches 68; Indels
                                                                                                                                                                                           LOCATION: (655)
OTHER INFORMATION: n equals a,t,g, or
                                                              or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITIACGIGGAAAAAAAAA 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TTTCAACTGCAAAAAAAAAA 137
                                                                           FEATURE:
NAME/KEY: SITE
LOCATION: (648)
OTHER INFORMATION: n equals a,t,9,
                                                              OTHER INFORMATION: n equals a,t,g,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Enterococcus faecalis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15.3%;
56.5%;
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Best Local Similarity 51.4%;
Matches 73; Conservative
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                                                                                                                                                                         NAME/KEY: SITE
                                                                                                                                                                                                                                US-09-227-357-69
                         NAME/KEY: 8
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       FEATURE:
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RESULT 13 2-09-621-976-17619 ; Sequence 17619, Application US/09621976 ; Patent No. 6639063

GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.

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136 CAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCCAGATCAATAAAATTTTA 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  96 GITATIGGAGIACIGIGAAAGAGITCGICAIGAAGITITCCCAAAGGACITIACIAIGIGA 155
                                                                                                                                                                                                                                                                                                                                                                                                               157 ĠTAATTGCAATACTTTAGGAGGACCAAGGCAGGAGGATTGCGTTAAATGTACACTGAG 216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WS-09-270-767-12569/C
US-09-270-767-12569/C
US-09-270-767-12569, Application US/09270767

Facent No. 6703491

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster.

FILE REFRENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62217

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 12569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 28358, Application US/09270767

Sequence 28358, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICAMT: Homburger et al.
APPLICAMT: Homburger et al.
TITLE OF INVENTION: Vucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094

CURRENT PELLING NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SEQ ID NO 28358

LENGTH: 495
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Best Local Similarity 63.3%; Pred. No. 2;
Matches 50; Conservative 0; Mismatches 29; Indels
                                                                                                                                                                                                                                                              Score 32.6; DB 4; Length 277;
Pred. No. 1.6;
0; Mismatches 54; Indels
FILE REFERENCE: GENSET.054PR2
CURRENT PEPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 17619
LENGTH: 277
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; ORGANISM: Drosophila melanogaster
US-09-270-767-12569
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 54.6%;
Matches 65; Conservative
                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-09-621-976-17619
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Query Match 15.2%; Score 32.6; DB 4; Length 979; Best Local Similarity 63.3%; Pred. No. 2.5; Matches 50; Conservative 0; Mismatches 29; Indels 0; Gaps 0; 196 CGTGGAAAAAAAAAA 214 ||||||||||||| 121 AAATGAAAAAAAAAA 103

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Search completed: January 22, 2005, 02:14:41 Job time : 55.1213 secs

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Sequence 1559, Ap Sequence 5582, Ap Sequence 451, App Sequence 124, App Sequence 6847, Ap Sequence 19477, A

14 US-10-072-349-13
15 US-10-31-822-188
15 US-10-295-027-63
15 US-10-295-027-63
18 US-10-295-027-63
19 US-09-918-624B-59
10 US-09-918-624B-59
10 US-09-918-624B-59
115 US-10-044-564-23
116 US-10-049-322-23
117 US-10-044-564-3174
117 US-10-311-455-451
118 US-10-723-860-1559
119 US-10-424-599-6847
110 US-09-814-353-6226
1110 US-09-814-353-6226
1111 US-10-317-841-32-843-12504
112 US-10-317-841-32-843-12504
113 US-10-027-632-63377
113 US-10-027-632-63377
114 US-10-027-632-63377
115 US-10-027-632-63377
117 US-10-027-632-63377
118 US-10-027-632-63377
119 US-10-027-632-63378

Sequence 23, Appl Sequence 23, Appl Sequence 374, App Sequence 140, App

Sequence 59, Sequence 26, Sequence 1,

Sequence 63, Appl Sequence 960, App Sequence 204, App

Sequence 5527, A Sequence 5226, Ap Sequence 12504, A Sequence 2, Appli Sequence 63376, A Sequence 63378, A Sequence 63378, A Sequence 63378, A

Sequence 94, Appl Sequence 37987, A Sequence 37988, A Sequence 37989, A

ALIGNMENTS

Sequence 63377, Sequence 63378, Sequence 94, Appl

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APPLICANT: Slader, Ted Jacker, Hurban, Patrick Jarlie OF INVENTION: Expressed Sequences of Arabidopsis TITLE OF INVENTION: thaliana FILE REFERENCE: 2024 (PARA-013PRV) CURRENT APPLICATION NUMBER: US/09/770,149 CURRENT FILING DATE: 2000-01-27 NUMBER OF SEQ ID NOS: 999 SEQ ID NO 358 LENGTH: 678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5.09-770-149-358/c
Sequence 358, Application US/09770149
Patent No. US20020059663A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Page, Amy
Matthew, Abraham V.
Ledford, Brooke L.
Woessner, Jeffrey P.
Haas, William David
Garcia, Garlos A.
Kricker, Maja
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       An, Yong-Qiang
Hamilton, Carol M.
Price, Jennifer L.
Raines, Tracy M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rameaka, Joshua G.
                                                               Gorlach, Jorn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Yu, Yang
                                GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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APPLICANT:
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Sequence 88, Appl
Sequence 312, Appl
Sequence 261, Appl
Sequence 31, Appl
Sequence 17560, A
Sequence 17285, A
Sequence 70, Appl
Sequence 74, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 358, App
                                                                                                                  January 21, 2005, 17:02:48; Search time 251.043 Seconds (without alignments) 4898.046 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                            Description
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1: \cgn2_6/ptodata/2/pubbna/PtoT NEW PUBCOMB.seq:*

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10: \cgn2_6/ptodata/2/pubpna/USION_PUB.Seq:*

10: \cgn2_6/ptodata/2/pubpna/USIOD_PUBCOMB.seq:*

10: \cgn2_6/ptodata/2/pubpna/USIOD_PUBCOMB.seq:*
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/cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:
                GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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8 US-10-052-494-312

US-09-925-297-261

4 US-10-023-896-31

8 US-10-023-115-15560

6 US-10-282-122A-17285

5 US-10-172-086-70

5 US-10-311-507-34

8 US-10-311-507-34
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                                                                                                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                             4300275 seqs, 2872944193 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                     OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                            IDENTITY NUC Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                                  Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                         US-09-437-450A-34
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Match Length DB
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                                                                                                                      on:
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Sequence 34, Appl Sequence 70, Appl Sequence 13, Appl

US-09-764-855-13

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0; Gaps

40; Indels

DB 18; Length 3095;

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APPLICANT: Lori Tonnes-Priddy
APPLICANT: Lori Tonnes-Priddy
APPLICANT: Karen Cardon
TITLE OF INVENTION: Methods and nucleic acids for the analysis of colorectal cell
TITLE OF INVENTION: proliferative disorders
FILE REFERENCE: 47675-45
CURRENT APPLICATION NUMBER: US/10/602,494
CURRENT FILING DATE: 2003-06-23
NUMBER OF EQ ID NOS: 385
SEQ ID NO 312
LENGTH: 3095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     113 AAAGAGTTCGTCATGAAGTTTCCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTA 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       230 AAAATCTTTATAAATTATTTTACAAAATTAAATTACAAATTAAATTTACAACCTA 171
                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens) US-10-602-494-312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 38; DB 18; Pred. No. 3.4; 0; Mismatches
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                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 60.8%;
Matches 62; Conservative
Robert W. Day
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
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NAME/KEY: misc feature
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APPLICANT:
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                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (35382)..(35843)
OTHER INFORMATION: "n" at positions 35382 to 35843 can be any base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: (5047)..(7943)
OTHER INFORMATION: "n" at positions 5047 to 7943 can be any base
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                                                                                                     Query Match 18.9%; Score 40.4; DB 9; Length 678; Best Local Similarity 59.6%; Pred. No. 0.41; Matches 68; Conservative 0; Mismatches 46; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MOTIS, David
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER FILE REFERENCE: A-71089/RMS/DCF
CURRENT APPLICATION NUMBER: US/10/052,482
CURRENT FILING DATE: 2002-08-15
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR PLING DATE: 2000-12-22
PRIOR PELING DATE: 2000-12-22
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 241
SOFTWARE: Patentin version 3.1
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US-10-602-494-312/c
US-10-602-494
; Sequence 312, Application US/10602494
; Publication No. US20040265833A1
; GENERAL INFORMATION:
; APPLICANT: Cathy Lofton-Day
; APPLICANT: Andrew Sledziewski
; APPLICANT: Jeff Thomas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 88, Application US/10052482; Publication No. US20040072264A1; GENERAL INFORMATION:
                     ; ORGANISM: Arabidopsis thaliana US-09-770-149-358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Engelhard, Eric
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LOCATION: (5047)..(794;
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LENGTH: 60940
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US-10-052-482-88
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TYPE: DNA
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Sequence 261, Application US/09925297

Sequence 261, Application US/09925297

Patent No. US20020081659A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

FILE REFERENCE: PA105

CURRENT APPLICATION NUMBER: US/09/925,297

CURRENT FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: PCT/US00/05989

PRIOR PILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 928

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 261

LENGTH: 2116
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17.7%; Score 37.8; DE
Best Local Similarity 52.3%; Pred. No. 3.4;
Matches 81; Conservative 1; Mismatches
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US-09-925-297-261
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OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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1901 TTGTCATGCATGCTTAATATGTAAAGCACTCTTTAGAATAAATGGAAATTGGTGATGGTA 1960
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                                                                    120 TCGTCATGAAGTTTCCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCA 179
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Best Local Similarity 52.3%; Pred. No. 3.4;
Matches 81; Conservative 1; Mismatches 73; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                  GENERAL INVERFALIUM:

APPLICANT: VICTOR ROSCIAE

TITLE OF INVENTION: 29 Human Cancer Associated Proteins
FILE REPERERENCE: PA004P1

CURRENT APPLICATION NUMBER: US/10/023,896

CURRENT APPLICATION NUMBER: US/10/023,896

CURRENT APPLICATION NUMBER: 2001-12-21

PRIOR APPLICATION NUMBER: PCT/US00/23794

PRIOR FILING DATE: 2001-08-30

PRIOR FILING DATE: 1999-09-03

PRIOR FILING DATE: 1999-09-03

PRIOR FILING DATE: 1999-10-06

NUMBER OF SEQ ID NOS: 138

SOFTWARE: PALENTIN VET. 2.0

SOFTWARE: PALENTIN VET. 2.0
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                                                                                                                                                                                                    1961 AAAAAAAATTTAAAAAAAAAAAAAAAAAAAA 1995
                                                                                                                                                           180 GATCAATAAAATTTTACGTGGAAAAAAAAAAA 214
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CTHER INFORMATION: n equals a,t,g, or c
US-10-023-896-31
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LOCATION: (4)...(4)
OTHER INFORMATION: n equals a,t,g, or
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc_feature
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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ORGANISM: Homo sapiens
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LOCATION: (7)...(7)
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RESULT 6 US-10-425-115-15560/c

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APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Acoustic, David K.
APPLICANT: Shou, Yihua
APPLICANT: Cabo, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21 (53222) B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 15560
LENGTH: 2782
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        93 AAAGTTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTCCCAAAGGACTTTACTATG 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          408 ACACATTITGCCGTACTGTTTTGGTTTTCCTGTGGTGTACAGCAATAGAATTTTTCATTC 349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 2782;
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ilarity 56.6%; Pred. No. 5.5;
Conservative 0; Mismatches 53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Clone ID: MRT4577_114191C.1
US-10-425-115-15560
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PRIOR PILING DATE: 2003-02-20
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/200, 727
PRIOR APPLICATION NUMBER: 60/200, 727
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/230, 347
PRIOR FILING DATE: 2000-09-06
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Sequence 15560, Application US/10425115 Publication No. US20040214272A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2000-10-23
APPLICATION NUMBER: 60/253,625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
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Zyskind, Judith
Wall, Daniel
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Matches 69; Conserv
                                                    GENERAL INFORMATION:
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ORGANISM: Zea mays
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Publication No. US20030113750A1
GENERAL INFORMATION:
APPLICANT: Epidenomics AG
TITLE OF INVENTION: Method and nucleic acids for the differentiation
TITLE OF INVENTION: Of prostate tumors
FILE REPERENCE:
CURRENT APPLICATION NUMBER: US/10/172,086
CURRENT FILING DATE: 2002-06-13
NUMBER OF SEQ ID NOS: 116
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR PAPLICATION NUMBER: 60/267,636
PRIOR PELING DATE: 2001-02-09
PRIOR PILING DATE: 2001-02-16
PRIOR PILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
SOFTWARE: Patentin version 3.1
SED ID NO 17285
LENGTH: 1344
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Pred. No. 17;
0; Mismatches 92; Indels
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                                                                                                                                                                                                                                                                                                       Score 36.2; DE
Pred. No. 7.9;
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                                                                                                                                                                                                                                                                                                       16.9%;
60.8%;
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ORGANISM: Artificial Sequence
FEATURE:
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1 Similarity 49.7%;
91; Conservative
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Matches 59; Conservative
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Best Local Similarity
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LENGTH: 5001
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US-10-240-452-74; Sequence 74, Application US/10240452; Publication No. US20030162194A1

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APPLICANT: OLEK, Alexander
APPLICANT: OLEK, Alexander
APPLICANT: DLEK, Alexander
APPLICANT: DLEK, Kurt
TILLGANT: BERLIN, Kurt
TITLE OF INVENTION: Method and nucleic acids for the analysis of astrocytomas
FILE REFERENCE: 5013.1013
CURRENT APPLICATION NUMBER: US/10/311,507
CURRENT PILING DATE: 2002-12-16
PRIOR FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 136
SEQ ID NO 34
LENGTH: 5001
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GURBEAL INFORMENT OLEK, ALEXANDER
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BIEPENBROCK, Christian
APPLICANT: BIEPENIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with Apoptosis
FILE REPERENCE: 5013.106
CURRENT APPLICATION NUMBER: US/10/240,452
CURRENT FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR PELING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 1003529.7
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR STING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 78
SEQ ID NO 74
LENGTH: 5001
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16.7%; Score 35.8; DB 15;
Best Local Similarity 49.7%; Pred. No. 17;
Matches 91; Conservative 0; Mismatches 92;
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Publication No. US20040115630A1
GENERAL INFORMATION:
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TYPE: DNA
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APPLICANT: Distler, Jurgen
APPLICANT: Model, Fabian
APPLICANT: Adorjan, Peter
TITLE OF INVENTION: Method and nucleic acids for the differentiation
TITLE OF INVENTION: Method and nucleic acids for the differentiation
TITLE OF INVENTION: Method and nucleic acids for the differentiation
TITLE OF INVENTION: Method and nucleic acids for the differentiation
FILE REFERENCE: 47675-53
CURRENT FILING DATE: 2003-10-12
PRIOR PLICATION NUMBER: PCT/EP02/06603
PRIOR PLICATION NUMBER: DE 10128509-4
PRIOR FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 116
SEQ ID NO 70
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Best Local Similarity 49.7%; Pred. No. 17;
Matches 91; Conservative 0; Mismatches 92; Indels 0;
                                       Score 35.8; DB 17; Length 5001;
Pred. No. 17;
0; Mismatches 92; Indels 0;
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US-09-764-855-13/c
; Sequence 13, Application US/09764855
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; Sequence 70, Application US/10480846
; Publication No. US20040219549A1
; GENERAL INFORMATION:
                                     16.7%;
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ORGANISM: Artificial Sequence
                                   Query Match
Best Local Similarity 49.7°
Matches 91; Conservative
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US-10-311-507-34
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              GENERAL INFORMATION:

APPLICANT: ROSEN et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPERENCE: PA10

CURRENT APPLICATION NUMBER: US/09/764,855

CURRENT PILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 334

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 13

LENGTH: 745
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Sequence 13, Application US/10072349
Publication No. US20030054420A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA110C1
CURRENT APPLICATION NUMBER: US/10/072,349
CURRENT FILING DATE: 2002-02-11
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NUMBER OF SEQ ID NOS: 334
SOFTWARE: PatentIn Ver. 3.1
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LOCATION: (1)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: misc_feature
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COTHER INFORMATION: n equals a,t,g,
NAME/KEY: SITE
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OTHER INFORMATION: n equals a,t,g,
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OTHER INFORMATION: n equals a,t,g,
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OTHER INFORMATION: n equals a,t,g,
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OTHER INFORMATION: n equals
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OTHER INFORMATION: n equals
US20020119919A1
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ORGANISM: Homo sapiens
FEATURE:
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NAME/KEY: SITE
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LENGTH: 745
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TYPE: DNA
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APPLICANT: Guillemette, Tracy L.
APPLICANT: Guillemette, Tracy L.
APPLICANT: Guillemette, Tracy L.
APPLICANT: Schlegel, Robert
APPLICANT: Schlegel, Robert
APPLICANT: Monahan, John E.
APPLICANT: Thibodeau, Stephen N.
APPLICANT: Thibodeau, Stephen N.
APPLICANT: Burgart, Lawrence N.
TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TITLE OF INVENTION: THERARY OF COLON CANCER FILE REFERENCE: MPWO1-029P2RNM
TITLE OF INVENTION WHERE: US 60/331,971
PRIOR PAPLICATION NUMBER: US 60/331,978
PRIOR APPLICATION NUMBER: US 60/331,978
PRIOR FILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 228
SUCHARRE: FESUSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                             Score 35; DB 14; Length 745; Pred. No. 14; 0; Mismatches 27; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Millennium Pharmaceuticals, Inc. APPLICANT: Berger, Allison APPLICANT: Guillemette. Trary 7.
                                                                                                                                                                                                                                                                                                                                                       , OTHER INFORMATION: n equals a,t,g, or c
US-10-072-349-13
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                                     NAME/KEY MISS TEACUTE
LOCATION: (58)
OTHER INFORMATION: n equals a,t,g, or
NAME/KEY misc feature
LOCATION: (397)
OTHER INFORMATION: n equals a,t,g, or
NAME/KEY: misc feature
LOCATION: (687)
OTHER INFORMATION: n equals a,t,g, or
NAME/KEY: misc feature
LOCATION: (687)
OTHER INFORMATION: n equals a,t,g, or
NAME/KEY: misc feature
LOCATION: (711)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 188, Application US/10301822; Publication No. US20030148410A1; GENERAL INFORMATION:
OTHER INFORMATION: n equals a,t,g,
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 64.9%;
Matches 50; Conservative (
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Best Local Similarity 52.3%;
Matches 103; Conservative
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; LOCATION: (238)...(1278)
US-10-301-822-188
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ORGANISM: Homo Sapiens
                      NAME/KEY: misc_feature
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US-10-301-822-188/c
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2397 TCCAATTGTCCACAATTATGAAATTTGTTGATAAATGCTGCAAATAAGTTCTTTTTTC 2338
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APPLICANT: Marray, Richard H.
APPLICANT: Mateon, Susan R.
APPLICANT: Mateon, Susan R.
APPLICANT: Experimology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Cancer, Compositions and TITLE OF INVENTION: Methods of Screening for Modulators of Cancer CURRENT FILING DATE: 2002-11-13
PRIOR PELICATION NUMBER: US/10/295,027
CURRENT PELLING DATE: 2000-09-15
PRIOR PELLING DATE: 2001-11-15
PRIOR PELLING DATE: 2001-11-15
PRIOR PELLING DATE: 2001-11-21
PRIOR PELLING DATE: 2001-11-21
PRIOR PELLING DATE: 2001-11-21
PRIOR PELLING DATE: 2001-11-21
PRIOR PELLING DATE: 2001-12-14
PRIOR PELLING DATE: 2002-01-08
PRIOR PELLING DATE: 2002-01-08
PRIOR PELLING DATE: 2002-01-10
PRIOR PELLING DATE
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16.4%; Score 35; DB 1:
Best Local Similarity, 52.3%; Pred. No. 23;
Matches 103; Conservative 0; Mismatches
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Publication No. US20030232350A1
GENERAL INFORMATION:
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Ginsberg, Wendy M.
Gish, Kurt C.
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Hevezi, Peter A.
Mack, David H.
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US-10-295-027-63
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<sup>137</sup> AAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTTTAC 196
2278 ---TCTCTGTACATTTATATTTAACTCCTCTCACATGTATTTAGGCAAAGAAAATATTTA 2222

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Search completed: January 22, 2005, 05:10:51 Job time : 257.043 secs

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Sequence 3508, Ap
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Sequence 28358, A
Sequence 12569, A
Sequence 13884, A
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Sequence 19143, A
Sequence 69, Appl
                                                                                                                                                                                          January 21, 2005, 17:02:43 ; Search time 49.0695 Seconds (without alignments) 3447.516 Million cell updates/sec
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Sequence 266,
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US-09-241-474-11
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US-09-270-767-29950
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US-09-270-767-12569
US-09-270-767-13884
US-09-197-679A-1
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Copyright (c) 1993
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Perfect score:
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Maximum DB
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APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
TITLE OF INVENTION: POR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196,132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-13
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR PILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 978
LENGTH: 1605
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                                                10, Appli
834, Appli
834, Appli
99, Appli
101, Appli
99, Appli
91, Appli
91, Appli
91, Appli
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Appli
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                      sequence 266
Sequence 10,
Sequence 70,
Sequence 33,
Sequence 99,
Sequence 101,
Sequence 91,
Sequence 91,
Sequence 91,
Sequence 91,
Sequence 93,
Sequence 93,
Sequence 93,
Sequence 93,
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Sequence 93,
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                       US-09-630-940B-266
US-09-790-98B-1
US-009-552-225A-10
US-10-101-665C-7
US-10-101-64A-834
US-10-20-587-3
US-09-322-409-99
US-09-322-409-99
US-09-451-527-99
US-09-451-527-99
US-09-451-527-91
US-09-322-409-93
US-09-451-527-91
US-09-451-527-91
US-09-451-527-91
US-09-451-527-91
US-08-955-138-2
US-08-955-138-2
              -09-606-421B-266
-09-630-940B-266
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; Sequence 11, Application US/09461474
; Patent No. 6278042;
; GENERAL INFORMATION:
; APPLICANT: Allen, Steve
; APPLICANT: Rafalski, Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: Plant Metal Transporters
; FILE REFERENCE: BB1303 US NA
; CURRENT APPLICATION NUMBER: US/09/461,474
                                                                                                                                                                                                                                                        ALIGNMENTS
                                                                                                                                                                                                                                                                                                       US-09-248-796A-978/c
; Sequence 978, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
401
401
401
738
738
957
2604
1269
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1269
1302
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Best Local Similarity 53.8
Matches 70; Conservative
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 US-09-248-796A-978
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Indels

87; B; DB 4; 0.82;

0; Mismatches Score 32.8; Pred. No. 0.

Length 459;

62517

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203 TAATGGCAGTTAAAGCTTAAGATGTTTGTCAAGTGGTGTCATTAAATTATATGTTATCGT 144
                                                                                                                                                                                                                                                                                                                                                                                                                        83 ATCACATTTCGGATGTTCTCGAAAAGGACTTCCCAAAGTTATTGGAGTACTGTGAAAGAG 142
                                                                                                                                                                                                                                                                                                                23 TCACGGCGGGATGCAACAGTCTTCTCTCAATTGGCAACTGTCTATTATCCATTCCGCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          143 CTATCAGTTATGATATGCTAAAATGGTATTGTCATTTCATTGAGTTTAAGAAAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               83 ringiaagcriningccccrcrccargigaaaargiararircacggcaaa 32
                                                                                                     ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-25053
                                                                                                                                                                                                     Best Local Similarity 49.4%;
Matches 85; Conservative (
                        SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 25053
LENGTH: 459
NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       864 caacacccccrrrcaaccrragraccarcrarcraccaccaccaccrcrcarcaccac
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9711, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 25053, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
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Pred. No. 0.78;
0; Mismatches 56; Indels 0
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  CURRENT FILING DATE: 1999-12-14
EARLIER APPLICATION NUMBER: 60/112,562
EARLIER FILING DATE: 1998-12-16
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Microsoft Office 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-9771
                                                                                                                                                                                                                                                                                          ch 14.0%;
1 Similarity 54.5%;
67; Conservative (
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                                                                                                                                                                                       TYPE: DNA ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 85; Conserva'
                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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US-09-270-767-25053/c
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US-09-270-767-9771/c
                                                                                                                                      SEQ ID NO 11
LENGTH: 1208
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LENGTH: 459
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157 TACCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAAT 216
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| Sequence 28358, Application US/09270767
| GENERAL INFORMATION:
| APPLICANT: Homburger et al. |
| TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster |
| FILE REFERENCE: File Reference: 7326-094 |
| CURRENT APPLICATION NUMBER: US/09/270, 767 |
| CURRENT FILING DATE: 1999-03-17 |
| NUMBER OF SEQ ID NOS: 62517 |
| SOFTWARE: PatentIn Ver. 2.0 |
| SEQ ID NO 28358 |
| LENGTH: 495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Homburger et al. TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094 CURRENT APPLICATION NUMBER: US/09/270,767 CURRENT FILING DATE: 1999-03-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Gaps
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Pred. No. 1.1;
0; Mismatches 31;
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; ORGANISM: Drosophila melanogaster
US-09-270-767-12569
                                                                                                                                                                                                                                                                                                                                                                                   , ORGANISM: Drosophila melanogaster
US-09-270-767-28358
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 62.2%;
Matches 51; Conservative
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SOFTWARE: PatentIn Ver. 2.0
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LENGTH: 979
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419 ACAAAAATGAAAAAAAAAA 440
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                                                                                                           157 TACCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAAT 216
                                                                                                                                                     185 TATGCAAATAAATTTACATTTAGAAATAAATTGTGTTGTTAACCCTACAAAAAAAT 126
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Patent No. 6703491
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 67517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 29950
LENGTH: 1551
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APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
TITLE OF INVENTION: Nucleic 27326-094
CURRENT APPLICATION NUMBR: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBR OF SEQ ID NOS: 62317
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13884
LENGTH: 1599
                                                                   Gaps
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1 Similarity 62.2%; Pred. No. 1.8;
51; Conservative 0; Mismatches 31; Indels 0
                  Length 979;
                                                               31; Indels
                  Score 32.4; DB 4;
Pred. No. 1.5;
0; Mismatches 31;
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Patent No. 6703491
                                                                                                                                                                                                 217 TCTACGTGGCAAAAAAAAA 238
                                                                                                                                                                                                                             217 TCTACGTGGCAAAAAAAAA 238
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                     13.6%;
62.2%;
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Best Local Similarity 62.2%;
Matches 51; Conservative
                                          Best Local Similarity 62.2
Matches 51; Conservative
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Best Local Similarity
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US-09-270-767-29950
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US-09-270-767-13884
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1586 AGAİTTIGGCGATATAİTICAACTGİCGCCAGİTCAİTİGGTACTIĞİTAGİCTCCCTGGGA 1645
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Sequence 1, Application US/09197679A
Patent No. 6287570
GENERAL INFORMATION:
GENERAL TIPORMATION:
TITLE OF INVENTION: Vaccine Against Swine Influenza
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hendricks and Associates
                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERAPING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/197,679A
FILING DATE: 23-N-0. 6287570-1998
CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            80 GCAATCACATTTCGGATGTTCTCGAAAAGGACTTCCCA 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Jobert, S.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: ESTB and Encoded Human Proteins.
FILE REFERENCE: GENSET. 054 PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 2813
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         41;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Hendricks, Glenna
REFERENCE/DOCKET NUMBER: foley
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 425-8405
TELEFAX: (703) 425-8406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 10
US-09-621-976-2813/c
Sequence 2813, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Minne Edwards, J.B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 1724 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: unknown
                                                                                                                                                                                                             STREET: P.O. Box 2509
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 58.23
Matches 57; Conservative
                                                                                                                                                                                                                                  CITY: Fairfax
STATE: Virginia
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SOFTWARE:
SEQ ID NO 3
Query Match
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                                                                                                                                                                                                                                  67 TAT--TATCCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGACTTCCCAAAGTTAT 124
                                                                                                                                                                                                                                                                                                   125 TGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTTACTATGTGAATTA 184
                                                                                                                                                                                                                                                                                                                                                                        7 ITTITITIGGGAGGAAATCACGGCGGCGGATGCAACAGTCTTCTCTCTAATTGGCAACTGTC
                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 832;
                                                                                                                                                                        Indels
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APPLICANT: Davis, Roger J.
APPLICANT: Galcheva-Gargova, Zoya
TITLE OF INVENTION: NON-ACTIVATED RECEPTOR COMPLEX
TITLE OF INVENTION: PROTEINS AND USES THEREOF
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
                                                                                                                                         DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEG for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                        Best Local Similarity 12.9%; Pred. No. 2.1;
Matches 30; Conservative 112; Mismatches
                                                                                                                                         13.4%; Score 31.8; 12.9%; Pred. No. 2.
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FILING DATE: 06-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/019,219
FILING DATE: 06-JUN-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Fish & Richardson P.C.
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Patent No. 592556
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 5183 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Fasse, Peter J.
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : 617/542-5070
617/542-8906
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-870-518-7
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ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                  TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                   , NAME/KEY: CDS
, LOCATION: 235..399
US-09-621-976-2813
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US-08-870-518-7
 LENGTH: 832
                                                                                                                                           Query Match
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APPLICANT: Inselburg, J. et al.

TITLE OF INVENTION: GENE ENCODING PROTEIN ANTIGENS OF PLASMODIUM FALCIPARUM
TITLE OF INVENTION: GENE ENCODING PROTEIN ANTIGENS OF PLASMODIUM FALCIPARUM
TITLE OF INVENTION: JOURGE THEREFOR
FILE REFERENCE: JII-002CNCP
CURRENT APPLICATION NUMBER: US/08/213,419B
PRIOR APPLICATION NUMBER: US 07/870,506
PRIOR FILING DATE: 1992-04-17
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PATENTIN Ver. 2.0
                                                                                                                                               3780 crccrgrrdcraridarcarrdarccaaaacrracrcgrarrcraagaccrcarcaaara 3839
                                                                                                                                                                                                                                                   3840 AAGGIGICAAATICTIGIACAAGIGIGAACIGGAAGGAITGACCGIIGIGCAAAIGGAI 3899
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          865 CATGAATAGCCTTCCATTTCGTAAATGGAAATTATTTTTTCCATAATGATATATAATA 806
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                                                 Gaps
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Pred. No. 6.1;
  Length 5183;
                                                 Indels
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                                                 89;
DB 2;
Score 31.6; DI
Pred. No. 4.9;
0; Mismatches
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US-09-302-812-38/c
VS-09-302-812-38/c
Sequence 38, Application US/09302812B
Patent No. 6333148
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/08213419B Patent No. 6333406 GENERAL INFORMATION:
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  13.3%;
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Best Local Similarity 47.3%;
Matches 95; Conservative
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LCATION: (3580)..(3720)
                          Best Local Similarity 48.9
Matches 85, Conservative
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CDS
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US-08-213-419B-3
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LOCATION: (259)
NAME/KEY: CDS
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LOCATION: (24
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Search completed: January 22, 2005, 02:14:46 Job time : 54.0695 secs
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Best Local Similarity 51.0°
Local 74; Conservative
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                                                                 APPLICANT: LIN, WINSTON
TITLE OF INVENTION: GENES ENCODING SEVERAL POLY(ADP-RIBOSE) GLYCOHYDROLASE (PARG) ENZ
TITLE OF INVENTION: GENES ENCODING SEVERAL POLY(ADP-RIBOSE) GLYCOHYDROLASE (PARG) ENZ
TITLE OF INVENTION: THEREWITH
FILE REPERENCE: NIAD 201
CURRENT APPLICATION NUMBER: 08/09/302,812B
CURRENT PILLING DATE: 1999-04-30
EARLIER APPLICATION NUMBER: 60/083,768
EARLIER FILING DATE: 1998-05-01
NUMBER: OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: GENES ENCODING SEVERAL POLY (ADP-RIBOSE) GLYCOHYDROLASE (PARG) EN TITLE OF INVENTION: THE PROTEINS AND FRAGMENTS THEREOF, AND ANTIBODIES IMMUNOREACTIVITLE OF INVENTION: THEREWITH

FILE REFERENCE: NIAD 201
CURRENT APPLICATION NUMBER: US/09/511,477
CURRENT APPLICATION NUMBER: 09/302,812
PRIOR APPLICATION NUMBER: 09/302,812
PRIOR APPLICATION DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 38
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Pred. No. 11;
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Best Local Similarity 51.0%; Pred. No. 11;
Matches 74; Conservative 0; Mismatches 71; Indels
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Patent No. 6337202
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                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Caenorhabaditis elegans
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APPLICANT: JACOBSON, Myron K.
APPLICANT: JACOBSON, Elaine L.
APPLICANT: AME, Jean-Christophe
APPLICANT: LIN, Winston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13.2%;
51.0%;
APPLICANT: JACOBSON, Myron K.
APPLICANT: JACOBSON, Elaine L.
APPLICANT: AM, Jean-Christophe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          74; Conservative
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US-09-511-477-38/c
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LENGTH: 29793
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APPLICANT: JACOBSON, Myron K.
APPLICANT: JACOBSON, Blaine L.
APPLICANT: JACOBSON, Blaine L.
APPLICANT: JACOBSON, Blaine L.
APPLICANT: JACOBSON, Blaine L.
APPLICANT: JACOBSON, Blaine L.
APPLICANT: Miscon
TITLE OF INVENTION: GENES ENCODING SEVERAL POLY (ADP-RIBOSE) GLYCOHYDROLASE (PARG) EN
TITLE OF INVENTION: THER PROTEINS AND FRAGMENTS THEREOF, AND ANTIBODIES IMMUNOREACTIV
FILE REPERENCE: NIAD 201
CURRENT FALING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 09/3102,812
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 38
SEQ ID NO 38
LENGTH: 29793
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                                                                   21068 TTTAATTTTTGAAAAAAAAAGAA 21044
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214 AATTCTACGTGGCAAAAAAAAAA
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Patent No. 6395543
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JS-10-242-535A-49714
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Sequence 49714, A
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                                                                                                                                                                     January 21, 2005, 17:02:48; Search time 279.197 Seconds (without alignments) 4898.046 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-085-783A-49714
US-10-041-018-135
US-10-739-930-3393
US-10-719-993-7048
US-10-357-993-55273
US-10-424-598-8084
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US-10-027-632-94282
US-10-027-632-305384
US-10-739-930-3389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4300275 segs, 2872944193 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                               - nucleic search, using sw model
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Sequence 17073, A Sequence 1659, Ap Sequence 1659, Ap Sequence 138, App Sequence 13, App Sequence 13, App Sequence 134, App Sequence 124, App Sequence 107, App Sequence 765, App Sequence 765, App Sequence 58, App Sequence 58, App Sequence 58, App Sequence 58, App Sequence 58, App Sequence 58, App Sequence 58, App Sequence 58, App Sequence 59, App Sequence 224261, Sequence 224261, Sequence 224261,
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Sequence 289, App
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Sequence 4562, Ap
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Publication No. US20040013663A1
GENERAL INFORMATION:
APPLICANT: ChondroGene Inc.
TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis
FILE REFERENCE: 4231/2002
CURRENT APPLICATION NUMBER: US/10/242,535A
CURRENT FILING DATE: 2002-09-12
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Sequence 5
Sequence 1
Sequence 5
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0 US-09-918-995-17073
US-09-783-590-5790
US-10-311-455-115-9814
US-09-770-149-358
US-10-9770-149-358
US-09-764-855-13
US-09-764-855-13
US-09-764-855-13
US-10-072-349-13
US-10-240-485-44
US-10-175-18-765
US-10-311-455-44
US-10-175-523-58
US-10-175-523-58
US-10-175-523-58
US-10-175-523-58
US-10-175-523-58
US-10-074-475-86
US-10-175-523-58
US-10-074-475-86
US-10-074-475-86
US-10-074-475-86
US-10-074-853-58
US-10-071-175-523-58
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US-10-071-175-523-78
US-10-106-623-8
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US-10-373-278-873
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Pred. No. 1;
0; Mismatches
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PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR FILING DATE: 2001-07-13
PRIOR PRILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-12
PRIOR FILING DATE: 2001-03-28
NUMBER OF SEQ ID NOS: 58994
SOFTWARE: PATCH TO WE SEQ ID NOS: 58994
SSEQ ID NO 49714
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13.6 698
13.5 15373
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13.4 2133
13.4 607
13.4 2000
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Best Local Similarity 55.0
Matches 71; Conservative
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APPLICANT: ChondroGene Inc.; APPLICANT: ChondroGene Inc.; APPLICANT: ChondroGene Inc.; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis FILE FERENCE: 4231/2002.

CURRENT APPLICATION NUMBER: US/10/085,783A; CURRENT FILING DATE: 2002-02-28; PRIOR APPLICATION NUMBER: US 60/305,340; PRIOR FILING DATE: 2001-07-13; PRIOR APPLICATION NUMBER: US 60/275,017; PRIOR FILING DATE: 2001-03-12; PRIOR APPLICATION NUMBER: US 60/271,955; NUMBER OF SEQ ID NOS: 58994; NUMBER OF SEQ ID NOS: 58994; NUMBER: PatentIn Version 3.2
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     116 CAAAGTTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTTACTA 175
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                                                                                                     109 CTTTGCCTTGATAGAATTGTAACATCATGCTCCAAGAAATATAATTCCAATAATTACTA 168
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US-10-041-018-135
Squence 135, Application US/10041018
Squence 135, Application US/10041018
Squence 135, Application US/10041018
Squence 135, Application US/10041018
SAPPLICANT: Mark 1000
STILE REPERENCE: POZOBUGISTANCE PRODUCING Unicellular Organism FILE REPERENCE: POZOBUGIST/10025547
CURRENT APPLICATION NUMBER: US/10/041,018
CURRENT FILING DATE: 2002-01-07
PRIOR APPLICATION NUMBER: US/10/041,018
NUMBER OF SEQ ID NOS: 413
SQCTWARE: Patentin version 3.1
LENGTH: 4233
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15.5%; Score 37; DB 16; Length 263;
Best Local Similarity 52.2%; Pred. No. 1;
Matches 82; Conservative 0; Mismatches 75; Indels
                                                                                                                                                                                                                                                                                      169 TAAAAAGTAAATTTTAAAACTTTATGTTAAATTAACA 205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             176 IGIGAATTAAATTGTCAAACTAGTAGTCAGATCAATA 212
                                                                                                                                                                                                     176 TGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATA 212
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US-10-041-018-135
                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 2
US-10-085-783A-49714
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ORGANISM: Human
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15.2%; Score 36.2; DB 16; Length 4233;

Query Match

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or insertion/deletion polymorphism (see Tables 1-5
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Sequence 7048, Application US/10719993

Sequence 7048, Application US/10719993

Publication No. US20040265849A1

GENERAL INFORMATION: Michele et al., APPLICANT: ORRGILL, Michele et al., TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT FILING DATE: 2003-11-24

NUMBER OF SEQ ID NOS: 55342

SOFTWARE: FASELSEQ for Windows Version 4.0

SEQ ID NO 7048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: KOVALIC,

APPLICANT: KOVALIC,

TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT

FITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT

FILE REFERENCE: 38-21(53377) B

CURRENT APPLICATION NUMBER: US/10/739,930

CURRENT FILING DATE: 2003.12-18

NUMBER OF SEQ ID NOS: 11088

SEQ ID NO 3333

LENGTH: 1510
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                                                                          110 ACTICCCAAAGITATIGGAGIACIGIGAAAGAGIICGICAIGAAGITIACCCAAAGGACI 169
                                                                                                                                                                               170 TTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAAATTCTACGTGGCAAA 229
                                                                                                                                                                                                                            236 ACTICICAGITITICADAAGTATAGGGATGGAATTCTAAATTAAACCTITITAACTCAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TITITITITITITIGGAGGAAATCACGGCGGC----GGATGCAACAGTCTTCTCTCAATT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  , OTHER INFORMATION: Clone ID: GLYMA-23APR03-CLUSTER2530_2
US-10-739-930-3393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8; DB 18;
4.8;
                          58;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 35.8; DB; Pred. No. 4.8; 0; Mismatches
55.0%; Pred. No. 5.6;
tive 0; Mismatches
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LOCATION: (1)...(330926)
OTHER INFORMATION: n = A,T,C or G,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 65.7%;
Matches 69; Conservative
                                                                                                                                                                                                                                                                                    230 AAAAAAAA 238
                                                                                                                                                                                                                                                                                                                                       356 AAATAAAA 364
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-739-930-3393/c
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us-09-437-450a-40.rnpb

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220 ACGTGGCAAAAAAAAAA 238
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64.68;
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Best Local Similarity 64.64
Matches 51; Conservative
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APPLICANT: Schlegel. Wilson
APPLICANT: Endege, Wilson
APPLICANT: Endege, Wilson
APPLICANT: Monahan, John
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: HUMAN PROSTATE CANCER
TITLE OF INVENTION: HUMAN PROSTATE CANCER
TITLE OF INVENTION: HUMAN PROSTATE CANCER
TITLE OF INVENTION: HUMAN PROSTATE CANCER
TITLE OF INVENTION: HUMAN PROSTATE CANCER
TITLE OF INVENTION: HUMAN PROSTATE CANCER
TITLE OF INVENTION: HUMBER: 09/785,276
PRIOR PELICATION NUMBER: 09/785,276
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 2000-02-17
PRIOR FILING DATE: 2000-03-16
PRIOR FILING DATE: 2000-05-25
PRIOR PRILING DATE: 2000-06-09
PRIOR PELICATION NUMBER: 60/211,314
PRIOR FILING DATE: 2000-06-09
PRIOR FILING DATE: 2000-06-09
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 62232
SED TO NOS: 62232
                                                                                                                    149 ATGAAGTTTACCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATC 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        150 TGAAGTTTACCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTCAGATCA 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      57 TGCAGGATACACAATTGACACAAAAAGGAAAATAATAAAGTCAAACTGGTATTCAAAAA 116
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Pred. No. 4.7;
0; Mismatches 34; Indels 0
                                                                                                                                                                                                             32920 aaaaaaaricaacarrccrrraaaaaaaa 32891
                                                                                                                                                                  209 ANTANATICTACGIGGCAAAAAAAAAA 238
62.2%; Pred. No. 51; ive 0; Mismatches
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US-10-424-599-87084
; Sequence 87084, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Zhou Yihua
                                                                                                                                                                                                                                                                                                                          Sequence 55273, Application US/10357930 Publication No. US20040259086A1 GENERAL INFORMATION:
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l Similarity 61.8%;
55; Conservative
  Best Local Similarity 62.2
Matches 56; Conservative
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LOCATION: 11
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Best Local Similarity
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APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
LENGTH: 308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              144 TCGTCATGAAGTTTACCCAAAGGACTTTACTATGTGAATTAAATTGTCAAACTAGTAGTC 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         57 TrGTGATATGGTTAAGAAAATATATTTTACCATGTGCACCACTATCTCTGAACATTTGTT 116
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Sequence 94282, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REPRESENCE:
CURRENT APPLICATION NUMBER:
CURRENT FILING DATE:
2002-04-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 308;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 14.4%; Score 34.2; DB 16; Best Local Similarity 60.0%; Pred. No. 7.3; Matches 57; Conservative 0; Mismatches 38;
                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Clone ID: PAT_MRT3847_49647C.1
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PRIOR PLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1000-02-24
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-38
PRIOR FILING DATE: 1999-09-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: PASESEQ FOR WINDOWS VERSION 4.0
SSOFTWARE: PASESEQ FOR WINDOWS VERSION 4.0
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SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 94282
LENGTH: 614
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Best Local Similarity 64.6%;
Matches 51; Conservative C
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US-10-027-632-305384/c
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                                                                                  TYPE: DNA
ORGANISM: Human
                                                                                                                                       US-10-027-632-94282
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US-10-739-930-3389
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                                                                                                                                                                                                                       Best Local
Matches
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Sequence 305384, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wangy David G.
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION UNDER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-108-09
PRIOR FILING DATE: 1999-108-09
PRIOR FILING DATE: 1999-108-09
PRIOR FILING DATE: 1999-108-09
PRIOR FILING DATE: 1999-09-08-09
PRIOR FILING DATE: 1999-08-08-09
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PRIOR FILING DATE: 1999-08-08-09
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JUNEARTION: Gentification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REPERBURE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-24
PRIOR PILING DATE: 2000-03-24
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Pred. No. 9.7;
0; Mismatches 28; Indels 0
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SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-027-632-94282/c
Sequence 94282, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 64.6%;
Matches 51; Conservative
                                                               JS-10-027-632-305384/c
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US-10-027-632-305384
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LENGTH: 614
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Sequence 3389, Application US/10739930
Publication No. US20040216190A1
GENERAL INFORMATION:
APPLICANT: KOVALIC, David K.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Delymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US 60/218,006
FRICA PAPLICATION NUMBER: US 60/198,676
FRICA PAPLICATION NUMBER: US 60/198,676
FRICA FILING DATE: 2000-04-20
FRICA FILING DATE: 2000-04-20
FRICA FILING DATE: 2000-03-24
FRICA FILING DATE: 2000-03-24
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FRICA FILING DA
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ch 14.4%; Score 34.2; DB 15; Length 614; I Similarity 64.6%; Pred. No. 9.7; 51; Conservative 0; Mismatches 28; Indels 0;
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Pred. No. 9.7;
0; Mismatches 28;
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APPLICANT: Li, Hacdong
APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Craig A.
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
CURRENT APPLICATION NUMBER: US/09/783,590
CURRENT FILING DATE: 12995-04-12
PRIOR APPLICATION NUMBER: 08/420,856
PRIOR PILING DATE: 12995-04-12
PRIOR FILING DATE: 12995-04-12
PRIOR FILING DATE: 12994-11-21
NUMBER OF SEQ ID NOS: 12485
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5790
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OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LCCATION: (211)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LCCATION: (233)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LCCATION: (262)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LCCATION: (262)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LCCATION: (270)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LCCATION: (270)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
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OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LOCATION: (330)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
LOCATION: (337)
OTHER INFORMATION: n equals a,t,g, or NAME/KEY: misc feature
                                                                                      RESULT 14
US-09-783-590-5790/c
Sequence 5790, Application US/09783590
; Patent No. US20020110850A1
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LOCATION: (302)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc_feature
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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APPLICANT: Dillon, Patrick J.
APPLICANT: Haseltine, William
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OTHER INFORMATION: n equals
NAME/KEY: misc feature
LOCATION: (375)
     339 AAAAAAAAAAA 351
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 112 TTCCCAAAGTTATTGGAGTACTGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGACTTT
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TITLE OF INVENTION: PLANTS AND USES THEREOF FOR PLANT IMPROVEMENT FILE REFERENCE: 38-21(5337))B
CURRENT APPLICATION NUMBER: US/10/739,930
CURRENT FILING DATE: 2003-12-18
NUMBER OF SEQ ID NOS: 11088
SEQ ID NO 3389
LENGTH: 1560
                                                                                                                                                                                                                                                                                                                                                                      Length 1560;
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14.0%; Score 33.4; DB 10; Length 404;
Best Local Similarity 51.8%; Pred. No. 14;
Matches 100; Conservative 0; Mismatches 91; Indels 2
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Sequence 17073, Application US/09918995

Publication No. US20030073623A1

GENERAL INFORMATION:

APPLICANT: Hyseq, Inc.

TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES

FILE REFERENCE: 20411-756

CURRENT APPLICATION NUMBER: US/09/918,995

CURRENT FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: US/09/235,076

PRIOR PILING DATE: 38054

NUMBER OF SEQ ID NOS: 38054

SOFTWARE: FASTSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                          58; Indels
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US-10-739-930-3389
                                                                                                                                                                                                                                                                                                                                                                   DB 18;
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14.4%; Score 34.2; D
Best Local Similarity 54.3%; Pred. No. 14;
Matches 69; Conservative 0; Mismatches
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LOCATION: (1)...(404)
OTHER INFORMATION: n = A,T,C or G
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                                                                                                                                                                                                 TYPE: DNA ORGANISM: Glycine max
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LENGTH: 404
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14.0%; Score 33.4; D
Best Local Similarity 50.3%; Pred. No. 15;
Matches 76; Conservative 0; Mismatches
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OTHER INFORMATION: n equals a,t,g, on NAME/KEY misc feature
LOCATION: (417)

OTHER INFORMATION: n equals a,t,g, on NAME/KEY: misc feature
LOCATION: (423)

OTHER INFORMATION: n equals a,t,g, on NAME/KEY misc feature
LOCATION: (438)

OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on OTHER INFORMATION: n equals a,t,g, on NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (469)
OTHER INFORMATION: n equals a,t,g, o
NAME/KEY: misc feature
LOCATION: (470)
OTHER INFORMATION: n equals a,t,g, o
NAME/KEY: misc feature
LOCATION: (476)
OTHER INFORMATION: n equals a,t,g, o
NAME/KEY: misc feature
                                                                                                                                                                                                                                          LOCATION: (395)
OTHER INFORMATION: n equals a,t,g, o
NAME/KEY: misc feature
LOCATION: (396)
OTHER INFORMATION: n equals a,t,g, o
NAME/KEY: misc feature
LOCATION: (398)
LOCATION: (387)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
                                                                                                                                                                            OTHER INFORMATION: n equals a,t,g,
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
TOTATION: (395)
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
TOCATION: (492)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (481)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
TOCATION: (487)
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
LOCATION: (497)
                                                                                                                   EOCATION: (391)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
TOCATION: (394)
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
LOCATION: (467)
                                                         LOCATION: (388)
OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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OTHER INFORMATION: n equals a,t,g,
NAME/KEY: misc feature
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US-10-311-455-1659/C
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US-10-311-455-1659/C
Squence 1659, Application US/10311455
Fublication No. US20030143606A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: DEFLIN, Kurt
FILLE OF INVENTION: Optomic methylation
FILE OF INVENTION: Cytosine methylation
FILE OF INVENTION: Cytosine methylation
FILE OF INVENTION: UNMBRR: US/10/311,455
CURRENT APPLICATION NUMBER: US/10/311,455
CURRENT APPLICATION NUMBER: DE 10032529.7
FRIOR APPLICATION NUMBER: DE 10043826.1
FRIOR FILING DATE: 2000-06-30
FRIOR PRILING DATE: 2000-06-01
FRIOR FILING DATE: 2000-06-01
FRIOR PRILING DATE: 2000-06-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 8781;
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161 ATGTTCAAATTAAAAGGTAATTACATGAAAT 131
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Sequence 1, Appli
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Sequence 1, Appli
Sequence 11940, A
Sequence 11940, A
Sequence 15119, A
Sequence 3967, Appli
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Sequence 20, Appl
Sequence 4205, Ap
Sequence 8311, Ap
Sequence 23593, A
Sequence 1, Appli
Sequence 1, Appli
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Sequence 11, Appli
Sequence 485, App
Sequence 6190, Ap
Sequence 3, Appli
Sequence 3, Appli
Sequence 3, Appli
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                                                                                                                                               ; Search time 44.7398 Seconds (without alignments) 3447.516 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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(cgn2_6/ptodata/1/ina/5A_COMB.seq:*

(cgn2_6/ptodata/1/ina/5B_COMB.seq:*

(cgn2_6/ptodata/1/ina/6A_COMB.seq:*

(cgn2_6/ptodata/1/ina/RD_COMB.seq:*

(cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

(cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-149-976-20

US-09-1710-279-4205

US-09-270-767-8313

US-09-270-767-8313

US-09-270-767-8313

US-09-18-44-11

US-09-671-317-14

US-09-671-317-14

US-09-671-317-14

US-09-248-796A-6190

US-09-248-796A-6190

US-09-248-796A-11940

US-09-215-817-1

US-09-215-817-1

US-09-215-817-1

US-09-216-817-1

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US-09-216-706-7

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Maximum Match 100%
Listing first 45 summaries
                                                                                                     OM nucleic - nucleic search, using sw model
                                                                                                                                                    January 21, 2005, 17:02:43
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Gapop 10.0 , Gapext 1.0
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Match Length
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Perfect score:
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Sequence Seq			5855;
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8-781-986A-59 9-248-756A-4754 9-461-474-11 9-614-221A-279 9-107-522A-3382 9-107-522A-3382 9-107-522A-3293 8-487-685B-13 8-487-685B-13 8-956-171E-454 8-781-9996A-454 9-107-552A-3402 9-107-552A-3402 9-107-552A-3402 9-107-512A-3402 9-107-512A-3402 9-107-512A-3402 9-107-512A-3402 9-107-512A-3402 9-107-512A-3402	rs 1 o ,	0 C	.2; .0.9 tches
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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	NAME/KEY: misc_feat LCCATION: 15855 OTHER INFORMATION: OTHER INFORMATION:	Match ocal Sim: s 92;
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3607 TCCAATTGAATTGGCGCAAATAGCTGGCGTTGATATTACGACTGACGCCCCTTTAAAAGA 3548
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                          76 TCCGCAATCACATTTCGGATGTTCTCGAAAAGGCATTCCAAAGTTATTGGAGTCATGTGA 135
                                                                                                                                                          136 AAGAGTTCGTCATGAAGTTTACCCAAAGGCATTTCATAGTGAATTAAATTGTCAAACTAG 195
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4205, Application US/09710279

Patent No. 6703492

GENERAL INFORMATION:
APPLICANT: KIMMERLY, WILLIAM JOHN

TITLE OF INVENTION: STRAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
FILE REFERENCE: PU3480US

CURRENT APPLICATION NUMBER: US/09/710,279

CURRENT FILING DATE: 1999-11-09

RRIOR APPLICATION NUMBER: 60/164,258

PRIOR FILING DATE: 1999-11-09

NUMBER OF SEQ ID NOS: 4472

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 4205

LENGTH: 4218
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APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File 86.09/2004
CURRENT APPLICATION NUMBER: 05/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8311
LENGTH: 516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
COTHER INFORMATION: Description of Artificial Sequence: synthetic
COTHER INFORMATION: nucleic acid sequence
CS-02-710-279-4205
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              78;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14.4%; Score 31.2; D 50.0%; Pred. No. 3.7;
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US-09-270-767-8311
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                          1114 тААССАААТТА 1104
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Best Local Similarity
Matches 78; Conserva
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                                                               1294 GAAĞTACATATAGATĞTTTCTTGĞTAGAĞTTGAACTTCAATTGACAACTĞTGTATTTTĞT 1235
                                                                                                                                                                                               1234 IGAGICAATAGAITITCACGITGGATATAAAGATACAGCAGAAGAAAAITAATITIGAAGT 1175
                                                                                                                                                                                                                                                                                                                            1174 TIGGGITAATNAAGGAAATAICCAAAATACAAATTACCATAAAGTITITITITITITIGTACTAC 1115
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                                                                                                                                                                                                                                                               136 AAGAGTTCGTCATGAAGTTTACCCAAAGGCATTTCATAGTGAATTAAATTGTCAAACTAG 195
                                                                                                                                   76 TCCGCAATCACATTTCGGATGTTCTCGAAAAGGCATTCCAAAGTTATTGGAGTCATGTGA 135
16 GGAGGAAATCACGGCGGCGGATCGAACAGTCTTCTCTCAATTGGCAACTGTCTATATCAT 75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20, Application US/09149976

Patent No. 6127123

GENERAL INFORMATION:
APPLICANT: Yanofsky, Martin F.
APPLICANT: Yanofsky, Martin F.
TITLE OF INVENTION: Cauliflower Floral Meristem Identity
TITLE OF INVENTION: Genes and Methods of Using Same
NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:
ADDRESSE: ADDRESSE:
ADDRESSE: ADDRESSE: ADDRESSE:
STREET: 4370 La Jolla Village Drive, Suite 700
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MEDIUM TYPE: Floppy disk
COMPUTER: BM PC compatible
COMPUTER: TEN PC compatible
COMPUTER: TEN PC compatible
COMPUTER: TEN PC compatible
COMPUTER: TEN PC compatible
COMPUTER: TEN PC compatible
COMPUTER: DATE: Compatible
APPLICATION NUMBER: US/09/149,976
FILING DATE: 09-SEP-1998
CLASSIFICATION NUMBER: US/09/149,976
FILING DATE: 26-JAN-1996
ATFORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 31,815
REGISTRATION NUMBER: 31,815
REGISTRATION NUMBER: 31,815
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thaliana CAL gene"
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Pred. No. 0.99;
0; Mismatches 99;
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LOCATION: 1..5855
OTHER INFORMATION: /not
OTHER INFORMATION: thal
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COUNTRY: United States
ZIP: 92122
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STRANDEDNESS: double
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STATE: Californi
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US-09-149-976-20/c
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LOCATION: (120001)..(135000)
OTHER INFORMATION: n=a or c or g or
NAME/KEY: misc_feature
LOCATION: (135001)..(150000)
OTHER INFORMATION: n=a or c or g or
NAME/KEY: misc_feature
LOCATION: (135001)..(165000)
OTHER INFORMATION: n=a or c or g or
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LOCATION: (22501). (240000)
OTHER INFORMATION: n=a or c or g or
NAME/KEY: misc feature
LOCATION: (24001). (255000)
OTHER INFORMATION: n=a or c or g or
NAME/KEY: misc feature
LOCATION: (25501). (270000)
OTHER INFORMATION: n=a or c or g or
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LOCATION: (27001)..(285000)
OTHER INFORMATION: n=a or c or g or
NAME/KES: misc feature
LOCATION: (28501)..(300000)
OTHER INFORMATION: n=a or c or g or
NAME/KES: misc feature
LOCATION: (300001)..(315000)
OTHER INFORMATION: n=a or c or g or
OTHER INFORMATION: n=a or c or g or
                                                                    LOCATION: (30001)...(45000)
OTHER INFORMATION: n=a or c or g
NAME/KEY: misc_feature
LOCATION: (45001)..(60000)
OTHER INFORMATION: n=a or c or g
NAME/KEY: misc_feature
LOCATION: (60001)..(75000)
OTHER INFORMATION: n=a or c or g
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LOCATION: (75001)..(90000)
OTHER INFORMATION: n=a or c or g
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LOCATION: (165001)..(180000)
OTHER INFORMATION: n=a or c or g
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LOCATION: (315001)..(330000)
OTHER INFORMATION: n=a or c or g
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LOCATION: (330001)..(345000)
OTHER INFORMATION: n=a or c or g
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OTHER INFORMATION: n=a or c or g
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LOCATION: (180001)..(195000)
OTHER INFORMATION: n=a or c or g
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LOCATION: (210001)..(225000)
OTHER INFORMATION: n=a or c or
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LOCATION: (34501)..(36000)
OTHER INFORMATION: n=a or c or
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LOCATION: (105001)..(120000)
OTHER INFORMATION: n=a or c or
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LOCATION: (19501)..(210000)
OTHER INFORMATION: n=a or c or
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LOCATION: (360001)..(375000)
OTHER INFORMATION: n=a or c or
                          OTHER INFORMATION: n=a or c NAME/KEY: misc feature LOCATION: (30001)..(45000)
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LOCATION: (375001)..(390000)
                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc feature
LOCATION: (90001)..(109
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Parent No. 655294

GENERAL INFORMATION:
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REPERENCE: 9710-003-999
CURRENT APPLICATION VMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
                                                                            67 CTATATCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGCATTCCAAAGTTATTGGA 126
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                                                                                                                62 CCAGATATTTTACTATCGTATTACTGATGTACTGTCACTGTATTCAAAGACACAAGCG 121
                                                                                                                                                                             127 GTCATGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGCATTTCATAGTGAATTAAATTG 186
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                                                                                                                                                                                                                               122 AACATGTGAGACACATTTTGGGGGAACATTAGCAAGAACTTTGCAAATTTGAATTTAAAC 181
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US-09-270-767-23593

US-09-270-767-23593

Sequence 22593, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:
APPLICANT: Homburse et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster.
FILE REFREBNCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 23593

LENGTH: 516
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Similarity 51.0%; Pred. No. 1.9; 73; Conservative 0; Mismatches
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LOCATION: (1)..(15000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
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ORGANISM: Chlamydia pneumoniae
  Best Local Similarity
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LENGTH: 1230025
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US-09-198-452A-1
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NAME/KEY: misc feature
LOCATION: (61501)..(63000)
OTHER INPORMATION: nea or c or g or t
NAME/KEY: misc feature
LOCATION: (630701)..(645000)
OTHER INPORMATION: nea or c or g or t
NAME/KEY: misc feature
LOCATION: (64501)..(66000)
OTHER INPORMATION: nea or c or g or t
NAME/KEY: misc feature
LOCATION: (64501)..(65000)
OTHER INPORMATION: nea or c or g or t
NAME/KEY: misc feature
LOCATION: (66001)..(65000)
OTHER INPORMATION: nea or c or g or t
NAME/KEY: misc feature
LOCATION: (67501)..(69000)
OTHER INPORMATION: nea or c or g or t
NAME/KEY: misc feature
LOCATION: (65001)..(69000)
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LOCATION: (46501)..(480000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc feature
LOCATION: (480001)..(495000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc feature
LOCATION: (495001)..(510000)
OTHER INFORMATION: n=a or c or g or t
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LOCATION: (58501)..(60000)
OTHER INFORMATION: n=a or c or g or t
NAME/KEY: misc_feature
LOCATION: (60001)..(615000)
OTHER INFORMATION: n=a or c or g or t
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OTHER INFORMATION: n=a or c or g or t
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LOCATION: (510001)..(525000)
OTHER INFORMATION: n=a or c or g or t
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LOCATION: (540001)..(555000)
JTHER INFORMATION: n=a or c or g or t
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LOCATION: (555001)..(570000)
THER INFORMATION: n=a or c or g or t
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LOCATION: (52501)..(540000)
JTHER INFORMATION: n=a or c or g or t
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LOCATION: (705001)..(72000)
OTHER INFORMATION: n=a or c or g or
NAME/KEY: misc feature
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LOCATION: (570001)..(585000)
THER INFORMATION: n=a or c or g or
                                                                                                       NAME/KEY: misc feature
LOCATION: (405001)..(420000)
OTHER INFORMATION: n=a or c or g or
                       NAME/KEY: misc feature
LOCATION: (390001)..(405000)
OTHER INFORMATION: n=a or c or g or
                                                                                                                                                                                            NAME/KEY: .misc_feature
LOCATION: (420001)..(435000)
JTHER INFORMATION: n=a or c or g or
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THER INFORMATION: n=a or c or g or
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LOCATION: (450001)..(465000)
OTHER INFORMATION: n=a or c or g or
INFORMATION: n=a or c or g or
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Cohen, Annick
TITLE OF INVENTION: BIALLELIC MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM
TITLE OF INVENTION: BIALLELIC MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM
FILE REFERENCE: 62.US3.CIP
CURRENT APPLICATION NUMBER: US 09/536,178
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/IB00/00403
PRIOR APPLICATION NUMBER: US 60/126,269
PRIOR FILING DATE: 1999-03-24
PRIOR FILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-04-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       93 GATGTTCTCGAAAAGGCATTCCAAAGTTATTGGAGTCATGTGAAAGAGTTCGTCATGAAG 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       33 CGGATCGAACAGTCTTCTCTCAATTGGCAACTGTCTATATCATTCCGCAATCACATTTCG
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Best Local Similarity 50.3%; Pred. No. 36;
Batches 76; Conservative 0; Mismatches 75; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    587096 TIGICCIAAAIGCIGAAGACAGIAICGIAAA 587126
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LOCATION: (755001)...(765000)

OTHER INFORMATION: n=a or c or g or t NAME/KEY misc feature
LOCATION: (765001)...(780000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (790001)...(795000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (795001)...(810000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (810001)...(825000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (810001)...(825000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (842001)...(855000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (840001)...(855000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (840001)...(855000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (870001)...(855000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (870001)...(855000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (870001)...(915000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (870001)...(915000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
LOCATION: (870001)...(915000)
OTHER INFORMATION: n=a or c or g or t NAME/KEY: misc feature
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Patent No. 6528260
GENERAL INFORMATION:
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Bougueleret, Lydie
APPLICANT: Cohen, Annick
APPLICANT: Cohen, Annick
APPLICANT: Cohen, Annick
FITLE OF INVENTION: BIALLELIC MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM
FILE REFERENCE: 62.US3.CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Kimoto, No. 6788976ihiro
TITLE OF INVENTION: NOVEL ENONE REDUCTASES, METHODS FOR
TITLE OF INVENTION: PRODUCING SAME, AND METHODS FOR SELECTIVELY REDUCING A
TITLE OF INVENTION: CARBON-CARBON DOUBLE BOND OF AN ALPHA, BETA-UNSATURATED KETONE
FILE OF INVENTION: USING THE REDUCTASES
FILE REFERENCE: 06501-100001
CURRENT APPLICATION NUMBER: US/10/081,644
PRIOR PILING DATE: 2002-02-21
PRIOR PLING DATE: 2002-02-21
PRIOR PILING DATE: 2001-02-23
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OTHER INFORMATION: 12-421-135.mis1, potential
NAME/KRY: primer bind
LOCATION: 367.385
OTHER INFORMATION: upstream amplification primer
NAME/KRY: primer bind
LOCATION: 797.817
OTHER INFORMATION: downstream amplification primer, complement
                                                                                                                                                                                                                                                                                                                                             13.9%; Score 30.2; DB 4; Length 1001; 58.2%; Pred. No. 4.5; cive 0; Mismatches 38; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
13.9%; Score 30.2; DB 4; Length 1113;
Best Local Similarity 55.1%; Pred. No. 4.7;
Matches 59; Conservative 0; Mismatches 48; Indels 0.
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
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Patent No. 6528260
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/10081644
Patent No. 6780976
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Yamamoto, Hiroaki
                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 58.27
Matches 53; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (1) ... (1110)
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LOCATION: (1)
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APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chen, Annick
APPLICANT: Cohen, Annick
TITLE OF INVENTION: BIALLELIC MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM
TITLE OF INVENTION: BIALLELIC MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM
FILLE REFERENCE: 62.003.CTP
CURRENT APPLICATION NUMBER: US/09/671,317
CURRENT FILLING DATE: 2000-09-27
PRIOR FILLING DATE: 2000-03-24
PRIOR FILLING DATE: 2000-03-24
PRIOR PLICATION NUMBER: US 60/126,269
PRIOR PLING DATE: 1999-03-25
PRIOR FILLING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 977
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                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc. binding
LOCATION: 481.500
COTHER INFORMATION: 12-421-140.misl, potential
NAME/KEY: misc. binding
LOCATION: 502.521
COCATION: 502.521
COTHER INFORMATION: 12-421-140.mis2, potential complement
NAME/KEY: primer bind
LOCATION: 362.380
COTHER INFORMATION: upstream amplification primer
LOCATION: 792.812
COTHER INFORMATION: downstream amplification primer
LOCATION: 792.812
COTHER INFORMATION: downstream amplification primer, complement
LOCATION: 792.812
COTHER INFORMATION: downstream amplification primer, complement
LOCATION: 489.513
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                                                                                                                                                                                                                                                                                                                 LOCATION: 501
OTHER INFORMATION: 12-421-140 : polymorphic base A or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 489.7513 OTHER INFORMATION: 12-421-140 potential probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       171 ATAGTGAATTAAATTGTCAAACTAGTAGTCA 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 501
OTHER INFORMATION: 12-421-135 : insertion T
NAME/KEY: misc_binding
LOCATION: 481..500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  31 ACACTAGGTTCATCTGTATCAAAATGAGACA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 436, Application US/09671317; Patent No. 6528260
; BENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 58.2
Matches 53; Conservative
                                                                                                                                                       TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo Sapiens
NUMBER OF SEQ ID NOS:
SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                  NAME/KEY: allele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: allele
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US-09-671-317-436/c
                                                                                                                   LENGTH: 1001
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                                                                           SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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NAME/KEY: allele
LOCATION: 7619
OTHER INFORMATION: 10-286-345 : polymorphic base A or T
NAME/KEY: allele
LOCATION: 7649
OTHER INFORMATION: 10-286-375 : polymorphic base A or G
NAME/KEY: allele
LOCATION: 17258
OTHER INFORMATION: 12-425-57 : polymorphic base A or G
NAME/KEY: allele
LOCATION: 21590
OTHER INFORMATION: 12-421-135 : insertion of T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Allein COCATION: 45741

LOCATION: 45741

OTHER INFORMATION: 10-290-37 : polymorphic base C or T NAME/KEY: allein COCATION: 46029

OTHER INFORMATION: 10-290-326 : polymorphic base A or G NAME/KEY: allein LOCATION: 46032

OTHER INFORMATION: 10-290-328 : deletion of G NAME/KEY: primer bind LOCATION: 7276..7294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COCATION: 45728..45965

THER INFORMATION: exon 5

WAME/KEY: misc.feature
LOCATION: 45566..49312

OTHER INFORMATION: 3'regulatory region

WAME/KEY: allele
LOCATION: 7564

OTHER INFORMATION: 10-286-289 : polymorphic base G or C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: allele
JOCATION: 21595
NAME/KEY: allele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : polymorphic base A or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          : polymorphic base C or T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : polymorphic base C or T
                CURRENT FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 09/536,178
PRIOR FILING DATE: 2000-03-23
PRIOR FILING DATE: 2000-03-24
PRIOR PILING DATE: 2000-03-24
PRIOR PILING DATE: 1999-03-25
PRIOR PILING DATE: 1999-03-25
PRIOR PILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 977
SEQ ID NO 485
LENGTH: 49312
CURRENT APPLICATION NUMBER: US/09/671,317 CURRENT FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: misc_feature
LOCATION: 5466..7466
OTHER INFORMATION: 5'regulatory region
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 36971
OTHER INFORMATION: 10-523-232
NAME/KEY: allele
LOCATION: 45214
OTHER INFORMATION: 10-289-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: exon
LOCATION: 7467..7725
OTHER INFORMATION: exon 1
NAME/KEY: exon
LOCATION: 20256..20355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          THER INFORMATION: exon 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OCATION: 36905..36975
THER INFORMATION: exon 3
PAME/KEY: exon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OCATION: 45167..45248
THER INFORMATION: exon 4
                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AME/KEY: exon
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OTHER INCOMATION: 10-286.pu

NAME/KEY: Primer bind
LOCATION: 16899.1.8656
OTHER INCOMATION: 12-425.pp
NAME/KEY: primer bind
LOCATION: 12979.1.7134
OTHER INCOMATION: 12-425.pp
NAME/KEY: primer bind
LOCATION: 21465.1.247
OTHER INFORMATION: 12-421.pp
NAME/KEY: primer bind
LOCATION: 21465.1.247
OTHER INFORMATION: 12-421.pp
NAME/KEY: primer bind
LOCATION: 31695.1.240
OTHER INFORMATION: 12-421.pp
NAME/KEY: primer bind
LOCATION: 36997.1.37015
OTHER INFORMATION: 10-233.pu
NAME/KEY: primer bind
LOCATION: 36997.1.37015
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 46104.46123
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 46104.46123
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 46104.46123
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 46104.46123
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 46104.46123
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 46104.46123
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-289.pp
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-280.pp
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-286-345.mis complement
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-286-375.mis complement
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-286-375.mis complement
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-286-375.mis complement
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-286-375.mis complement
NAME/KEY: primer bind
LOCATION: 7600.7618
OTHER INFORMATION: 10-280-375.mis complement
NAME/KEY: primer bind
LOCATION: 3620.7630
OTHER INFORMATION: 12-425-57.mis complement
NAME/KEY: primer bind
LOCATION: 1729: 1720.7630
OTHER INFORMATION: 12-425-57.mis
NAME/KEY: primer bind
LOCATION: 3620.7630
OTHER INFORMATION: 12-425-57.mis complement
NAME/KEY: primer bind
LOCATION: 3620.7630
OTHER INFORMATION: 12-425-37.mis
NAME/KEY: primer bind
LOCATION: 3620.7630
OTHER INFORMATION: 10-230-321.
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10097 TTATTTTATTTATATAGAAACTCAATACGTATGAGACATTTGTTAGCACCTAATTGAA 10038
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TITLE OF INVENTION: OF BODY WEIGHT DISORDERS INCLUDING OBESITY
FILE REPERENCE: 1853-136
CURRENT APPLICATION NUMBER: US/09/245,041
CURRENT FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER APPLICATION NUMBER: 60/093,630
EARLIER PILING DATE: 1998-07-21
EARLIER FILING DATE: 1998-10-20
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                                                                                                                                                                                                                                       115
                                                                                                                                                                                                                                                                                425 TTAGAAACTTGTCTGTTTACTTCATCATCACTTGTTACCTACTAAAATATCTGTGCA 366
                                                                                                                                                                                                                                                                                                                                 116 AAGTTATTGGAGTCATGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGCATTTCATAGT 175
                                                                                                                                                                                                                                                                                                                                                                             365 rccrcarredecidecrearaacrerrareaaaccaarrircaacarrrreaaarearear 306
                                                                                                                                                                                                                                       56 TIGGCAACTGICIATAICATICCGCAAICACATTICGGAIGITCICGAAAAGGCATICCA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Gaps
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US-09-358-055B-3/C
US-09-358-055B-3/C
Sequence 3, Application US/09358055B
Sequence 3. Application
Sequence 3. Application
GENERAL INFORMATION:
APPLICANT: Moore, K.
TITLE OF INVENTION: METATHENDS AND COMPOSITIONS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATHENT OF BODY WEIGHT DISORDERS INCLUDING
TITLE OF INVENTION: OBESITY
FILE REFRENCE: 7853-151
CURRENT APPLICATION NUMBER: US/09/358,055B
CURRENT FILING DATE: 1999-07-21
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                                                                                                                                          Length 642;
                                                                                                                                                                                        Indels
                                                                                                                                                                                        90,
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                                                                                                                                          DB 4;
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                                                                                                                                        Score 30; DB 4; Pred. No. 4.4; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 131
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 17056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/09245041 Patent No. 6274339 GENERAL INFORMATION:
                                                                                                                                        Query Match
Best Local Similarity 52.4%;
Matches 66; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 57.4%;
Matches 54; Conservative
                                           ; TYPE: DNA
; ORGANISM: Candida albicans
US-09-248-796A-6190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                           176 GAATTA 181
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SEQ ID NO 6190
LENGTH: 642
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US-09-248-76A-6190/c
S-09-248-76A-6190/c
Facent No. 6747137
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND THERAPEUTICS
FILE REFERENCE: 107196-132
FILE REFERENCE: 107196-132
FILE REFERENCE: 1998-02-12
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-06-13
FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     21185 TTCCAACCTTATTAAAATTATCTGAGAAAGTAGAACAGGATGCTTCCTCCACTCATTTG 21126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         111 TTCCAAAGTTATTGGAGTCATGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGCATTTC 170
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Best Local Similarity 58.2%; Pred. No. 20;
Matches 53; Conservative 0; Mismatches 38; Indels 0;
                                                                                                                                                                                                                                                                                               LOCATION: 46030..46048

LOCATION: 46030..46048

OTHER INFORMATION: 10-290-326.mis complement
NAME/KEY: misc. binding
LOCATION: 7552..7576

OTHER INFORMATION: 10-286-289.probe
NAME/KEY: misc. binding
LOCATION: 7607..7631

OTHER INFORMATION: 10-286-345.probe
NAME/KEY: misc. binding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               21125 ACACTAGGTTCATCTGTATCAAATGAGACA 21095
              171 ATAGTGAATTAAATTGTCAAACTAGTAGTCA 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc binding
LOCATION: 36959..36983
COTHER INFORMATION: 10-523-232.probe
NAME/KEY: misc binding
LOCATION: 45202..45226
OTHER INFORMATION: 10.289-201.probe
NAME/KEY: misc binding
LOCATION: 45729..45753
OTHER INFORMATION: 10-290-37.probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc binding
LOCATION: 17246...17270
OTHER INFORMATION: 12-425-57.probe
NAME/KEY: misc binding
LOCATION: 21583..21607
OTHER INFORMATION: 12-421-140.probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 7637.7661
THER INFORMATION: 10-286-375.probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: 10-290-326.probe
                                                                                                                                                                                                                               LOCATION: 46010.746028
OTHER INFORMATION: 10-290-326.mis
NAME/KEY: primer bind
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Sequence 3, Application US/09893238

Patent No. 6727348

Fatent No. 6727348

Fatent No. 6727348

Fatent No. 6727348

FAPLICANT: Nagle, D.

TITLE OF INVENTION:

CURRENT PAPLICATION NUMBER: US/09/893,238

CURRENT FILING DATE: 2001-06-27

FRIOR APPLICATION NUMBER: 09/245,041

PRIOR APPLICATION NUMBER: 60/093,630

PRIOR APPLICATION NUMBER: 60/093,630

PRIOR APPLICATION NUMBER: 60/093,630

PRIOR PRILING DATE: 1998-07-21

PRIOR FILING DATE: 1998-07-21

PRIOR FILING DATE: 1998-10-20

NUMBER OF SEQ ID NOS: 129

SOFTWARE: FREUESE FREUESE FREUESED FOR WINDOWS VERSION 3.0
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                                                                                                                                                                                                                                                                                                                                                                                      10097 TTATTTATTTATTATAAGAAACTCAATACGTATGAGACATTTGTTAGCACCTAATTGAA 10038
                                                                                                                                                                                                                                                                                                                                      1 TITITITITITITITGGAGGAAATCACGGGGGGGGATCGAACAGTCTTCTCTCAATTGGC 60
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TITLE OF INVENTION: The Nucleotide sequence of
TITLE THE OF INVENTION: The Nucleotide sequence of
Thereof, and Uses Thereof
                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                    Score 30; DB 4; Length 17056;
Pred. No. 15;
0; Mismatches 40; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10037 AACTGTTCAGGTCAGTTCTCTTTTACATTGTGGA 10004
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                                                                                                                                                                                                                                                                                                                                                                                                                                      61 AACTGTCTATATCATTCCGCAATCACATTTCGGA 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                      PRIOR FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 153
SOFTWARE: FastSEQ for Windows Version 3.0
PRIOR APPLICATION NUMBER: 09/245,041
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 1, Application US/09557884; Patent No. 6506581; GENERAL INFORMATION:
                                                                                                                                                                                                                                         Query Match 13.8%;
Best Local Similarity 57.4%;
Matches 54; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 57.4
Matches 54; Conservative
                                                                                                                                     TYPE: DNA
, GRGANISM: Mus musculus
US-09-358-0558-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Mus musculus
                                                                                          SEQ ID NO 3
LENGTH: 17056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 14
US-09-893-238-3/c
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US-09-557-884-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JENGTH: 17056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-893-238-3
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636378 144

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636377 TCAATAATTTCACGGAGAGAAATAGCTGGCATAATAGGATTGGCTAATTTGTTAGCCAAT 636318
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      636437 ACAGCTTGGATATCGCAAGCAGCGCAATCAATAATCGAAGGATTAGATTGATAGGCTTCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            145 TCATGAAGTTTACCCAAAGGCATTTCATAGTGAATTAAATTGTCAAACTAGTAGTCAGAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 52.4%; Pred. No. 80;
Matches 66; Conservative 0; Mismatches 60; Indels 0;
             COMPUTER READABLE FORM:
MEDIUM TYPE: 3 1/2 inch diskette
COMPUTER: Dell Pentium
OPERATING SYSTEM: MS DOS v6.22
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/557,884
FILING DATE: 25-APT-2000
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/476,102
FILING DATE: JUN-5-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            NAME: Michelle S. Marks
REGISTRATION NUMBER: 41,971
REFERENCE/DOCKET NUMBER: PB186P3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search completed: January 22, 2005, 02:14:56 Job time : 54.7398 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-557-884-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1830121 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-309-8439
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    205 CAATAA 210
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; Sequence 21, Application US/10220120; Publication No. US20040048253A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: INCYTE GENOMICS, INC.
APPLICANT: PANZER, SCOLT R.
APPLICANT: SPIRO, Peter A.
APPLICANT: SHAH, Purvi
APPLICANT: CHAUP, Michael S.
APPLICANT: CHANG, Simon C.
APPLICANT: CHANG, Simon C.
APPLICANT: CHANG, Simon C.
APPLICANT: CHANG, Simon C.
APPLICANT: D'SA, Steven A.
APPLICANT: DAHL, Christopher R.
APPLICANT: DAHL, Christopher R.
APPLICANT: DAMIL, Christopher R.
APPLICANT: DAMIL, SIMON C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10-220-120-21/c
                                                                                                                                                                                                                 January 21, 2005, 17:02:48 ; Search time 254.562 Seconds (without alignments) 4898.046 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                               1 ttttttttttttttgggagg......gtcagatcaataaaattttc 217
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21: /cgn2_6/ptodata/2/pubpna/USIOR_PUBCOMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                           OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IDENTITY NUC Gapop 10.0 , Gapext 1.0
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217
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Maximum DB seq length: 200000000
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Database
                                                                                                                                                                                                                     Run on:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

		21, Appl	7290, Ap	5729, Ap	9159, Ap	124305,	124306,	124305,	124306,	312, App	734, App	18075, A	4708. Ap
	Description	Sequence 21, Appl	Sequence	Seguence	Sequence	Sequence 124305,	Sequence	Sequence 124305,	Sequence	Sequence	Sequence	Sequence 18075, A	Segmence 4708. Ap
•	ID	US-10-220-120-21	US-10-425-114-7290	US-10-741-601-5729	US-09-918-995-9159	US-10-027-632-124305	US-10-027-632-124306	US-10-027-632-124305	US-10-027-632-124306	US-10-602-494-312	US-10-012-697-734	US-10-282-122A-18075	US-10-029-386-4708
		16	16	17	10	13	13	15	15	18		16	
	Query Match Length DB	2950	2159	403035	441	1169	1169	1169	1169	3095	728	609	530
æ	Query Match	18.4	17.1	16.3	15.9	15.8	15.8	15.8	15.8	15.8	15.7	15.3	15.0
	Score	40	37	35.4	34.6	34.2	34.2	34.2	34.2	34.2	34	33.2	32.6
	ult No.	<u>.</u>	N	m	4	цţ	9	7	æ	σ	10	11	12
	Result No.	¦ o								υ			U

ROSEN, Bruce H. RUSSO, Frank D. STOCKDREHER, Theresa K.

DAFFO, Abel WRIGHT, Rachel J. YAP, Pierre E. YU, Jimmy Y. BRADLEY, Diana L. BRATCHER, Shawn R.

APPLICANT: APPLICANT:

DANIEES, Suean E.
DUFOUR, Gerard E.
FLORES, Vincent
FONG, Willy T.
GREENAMALT, Lila B.
HILLWAN, Jennifer L.
JONES, Anisea L.
LIU, Tommy F.
ROSEBERRY, Ann M.

APPLICANT: APPLICANT:

APPLICANT APPLICANT

APPLICANT: APPLICANT: APPLICANT:

APPLICANT

Sequence 25, Appl Sequence 25, Appl Sequence 20529, A Sequence 8512, Ap Sequence 155696, Sequence 155697, Sequence 155697, Sequence 155697,	Sequence 1277, Ap Sequence 59066, A Sequence 12168, A Sequence 4722, Ap Sequence 4722, Ap	Sequence 15082, A Sequence 104234, Sequence 11, Appl Sequence 795, App Sequence 673, App Sequence 1182, Appl 569050000000000000000000000000000000000	Sequence 210, App Sequence 200, App Sequence 261, App Sequence 1588, Ap Sequence 6856, Ap Sequence 131794,	Sequence 34, Appl Sequence 31, Appl Sequence 410, Appl Sequence 218, Appl Sequence 170, Appl Sequence 170, Appl Sequence 17, Appl Sequence 17, Appl
US-10-195-730-25 US-10-799-747-25 US-09-814-313-20529 US-09-815-242-8512 US-10-027-632-155696 US-10-027-632-155697 US-10-027-632-155696		US-10-425-114-1508 US-10-424-599-1042 US-10-161-572-11 US-10-012-697-795 US-10-012-697-673 US-09-938-642A-3182	US-09-938-642A-3182 US-09-938-6200 US-10-311-455-261 US-10-087-192-1588 US-10-719-993-6856 US-10-719-993-131794	
21 0 0 0 1 1 2 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	1 9 9 6 7	10 11 11 12 13 14 16	13 13 15	17 17 18 18 10
1057 1057 3899 17388 811 811	871 871 1458 3771 2000	2251 2341 118951 735 736 2000	2000 2004 2004 5875 42123 233528 378	357652 2327 2000 2000 2004 3095 15782
11 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	111111111111111111111111111111111111111	144.1 144.7 14.6 14.6	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44444444 44444444 6.6.4.6.6.6.6.6.6.6.6.
6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	32 32 32 31 31 32 32 32 33 34 35	31.8 31.8 31.6 31.6	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	31 31 31 31 31
113 114 117 118	22 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	30 30 31 31	2 2 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5	20044444 2004444
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## ALIGNMENTS

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NAME/KEY: misc_feature; LOCATION: (1)...(403035); LOCATION: (1)...(403035); OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-2, US-10-741-601-5729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .888 AACTACGGTTCATCAGAAATGGAGGTTTACACGAAGACGTCCCATATATAAAGGAGGC 1947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1828 irraddaaacagriccrdarddcarargagagagarrarrgacrcrcracaacrdracar 1887
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                                                                                                                                                                                                                                                                                                                                                                                                71 ATCATICCGCAATCACATTICGGATGTTCTCGAAAAGGCATTCCAAAGTTATTGGAGTCA 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-741-601-5729

US-10-741-601-5729

Sequence 5729, Application US/10741601

Publication No. US20040166519A1

GENERAL INFORMATION:

APPLICANT: CARGILL, Michele et al.

TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH

TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLO01500

CURRENT APPLICATION NUMBER: US/10/741,601

CURRENT FILING DATE: 2003-12-22

NUMBER OF SEQ ID NOS: 26415

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 5729

LENUTH: 403035
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                131 TGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGCATTTCATAGTGAATTAAATTGTCAA
                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    51373 TGTTTTCCAAAGTGAACACACTTGTGTAACCACCACTCAGATCAAGATA 51421
                                                                                                                                                                                 ;
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                                                                                                             Length 2159;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 9159, Application US/09918995
Fublication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyeaq, Inc.
TITLE OF INVENTION: FROW UNELCAND CONTRIBED
FILLE REFERENCE: 20411-756
CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT APPLICATION NUMBER: 20401-07-30
FRICH APPLICATION NUMBER: US/09/235,076
FRICH APPLICATION NUMBER: US/09/235,076
                                                                                                                                                                                 90; Indels
                                                                                                         17.1%; Score 37; DB 16;
50.3%; Pred. No. 1.7;
tive 0; Mismatches 90,
; OTHER INFORMATION: Clone ID: 700646607_FLI
US-10-425-114-7290
                                                                                                                 Query Match 17.1'
Best Local Similarity 50.3'
Matches 91; Conservative
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ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2008 A 2008
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                                                                       APPLICANT: LINCOLN, Bavid M.
APPLICANT: LINCOLN, Stephen E.
APPLICANT: LINCOLN, Stephen E.
APPLICANT: LINCOLN, Stephen E.
APPLICANT: LINCOLN, Stephen E.
APPLICANT: LINCOLN, Stephen E.
TITLE OF INVENTION: MOLECULES FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: PT-1113 PCT
CURRENT APPLICATION NUMBER: US/10/220,120
CURRENT FILING DATE: 2002-08-26
PRIOR APPLICATION NUMBER: G0/184,777; G0/184,773; G0/184,776;
G0/184,772; G0/184,771; G0/184,777; G0/184,777; G0/184,776;
G0/184,772; G0/184,772; G0/184,773; G0/184,873; G0/184,776;
G0/184,772; G0/184,772; G0/184,873; G0/204,863; G0/205,221;
G0/204,815; G0/203,785; G0/204,821; G0/204,908; G0/204,226;
G0/205,224; G0/205,285; G0/205,285; G0/205,323; G0/205,247; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-24; 2000-02-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 2000-05-17; 200
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Sequence 7290, Application US/10425114

Publication No. US20040034888A1

SENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Screen, Steven E
APPLICANT: Tabasks, Jack E
APPLICANT: Tabasks, Jack E
APPLICANT: Tabasks, Jack E
APPLICANT: Tabasks, Jack E
APPLICANT: Tabasks, Jack E
APPLICANT: Tabasks, Jack E
APPLICANT: De INVENTION: Plants and Uses Thereof for Plant Improvement
FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERENCE: 38-21(53313) B
CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 7290
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20040048253A1 LI:034212.1:2000FEB01
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Pred. No. 0.24;
0; Mismatches 50; Indels
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LOCATION: 52, 132
COTHER INFORMATION: a, t, c, g, or other
US-10-220-120-21
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58.3%;
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Best Local Similarity 58.3
Matches 70; Conservative
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ORGANISM: Glycine max
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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; ORGANISM: Human
US-10-027-632-124306
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                                                                                                                                                                                                                                                                                                                                                                                   64 TGTCTATATCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGCATTCCAAAGTTATT 123
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GENERAL INCRMATION:

JITLE OF INVERTION: Identification and Mapping of Single Nucleotide

TITLE OF INVERTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: US 60/218,006

PRIOR PILING DATE: 2000-07-12

PRIOR FILING DATE: 2000-07-20

PRIOR FILING DATE: 2000-07-20

PRIOR FILING DATE: 2000-03-29

PRIOR FILING DATE: 2000-03-29

PRIOR FILING DATE: 2000-03-29

PRIOR PLING DATE: 2000-03-29

PRIOR PLING DATE: 1999-11-23

PRIOR PLING DATE: 1999-11-23

PRIOR PLING DATE: 1999-09-28

PRIOR FILING DATE: 1999-09-28

PRIOR FILING DATE: 1999-09-28

PRIOR FILING DATE: 1999-09-08

PRIOR FILING DATE: 1999-09-08

PRIOR FILING DATE: 1999-09-08

SOFTWARE: FARESQ for Windows Version 4.0

SEQ ID NO 124305
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                                                                                                                                                                                                                                                                                     15.9%; Score 34.6; DB 10; Length 441; 52.4%; Pred. No. 4.6;
                                                                                                                                                                                                                                                                                                                                    69; Indels
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NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                    LOCATION: (1)...(441)
OTHER INFORMATION: n = A,T,C or G
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84; Conservative
                                                                                                                                                                                                                                                                                                           Best Local Similarity 52.4
Matches 76; Conservative
                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                              NAME/KEY: misc_feature
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Matches 84; Conserv
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US-10-027-632-124305
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ORGANISM: Human
                                                                                                                                                                                                                                      US-09-918-995-9159
                                               SEQ ID NO 9159
                                                                     LENGTH: 441
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47 TICTCTCAATTGGCAACTGTCTATATCATTCCGCAATCACATTTCGGATGTTCTCGAAAA 106
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Dolymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT PLING DATE: 2002-04-30
FURRENT PLING DATE: 2002-04-30
FRIOR RELIGATION NUMBER: US 60/218,006
FRIOR APPLICATION NUMBER: US 60/198,676
FRIOR FILING DATE: 2000-07-12
FRIOR FILING DATE: 2000-03-29
FRIOR PELING DATE: 2000-03-29
FRIOR PELING DATE: 2000-03-24
FRIOR PELING DATE: 2000-03-24
FRIOR PELING DATE: 1999-11-23
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-11-23
FRIOR PELING DATE: 1999-09-28
FRIOR PELING DATE: 1999-09-28
FRIOR PELING DATE: 1999-09-28
FRIOR PELING DATE: 1999-09-28
FRIOR FILING DATE: 1999-09-28
FRIOR FILING DATE: 1999-09-28
FRIOR FILING DATE: 1999-09-28
FRIOR FILING DATE: 1999-08-09-28
FRIOR FILING DATE: 1999-08-08
FRIOR FILING DATE: 1999-08-08
FRIOR FILING DATE: 1999-08-08
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Fublication No. US20030204075A9
GENERAL INFORMATION:
TUTLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 10827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT PILING DATE: 2002-04-30
FRIOR FILING DATE: 2000-07-12
FRIOR APPLICATION NUMBER: US 60/198,676
FRIOR FILING DATE: 2000-04-20
FRIOR FILING DATE: 2000-04-20
FRIOR FILING DATE: 2000-04-20
FRIOR FILING DATE: 2000-04-20
FRIOR FILING DATE: 2000-04-20
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215
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Pred. No. 9;
1; Mismatches 84;
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                                                                                                                                                                                                                                Sequence 124306, Application US/10027632 Publication No. US20020198371A1 GENERAL INFORMATION:
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Best Local Similarity 49.7%;
Matches 84; Conservative
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107 GGCATTCCAAAGTTATTGGAGTCATGTGAAAGAGTTCGTCATGAAGTTTACCCAAAGGCA 166
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Garcia, Pablo Dominguez
Kassam, Altaf
Lamson, George
Scott, Beth
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Publication No. US20030215803A1
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Dickson, Mark
Drmanac, Snezana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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Leshkowitz, Dena
Kita, David
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APPLICANT: Escobedo,
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APPLICANT:
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US-10-027-6-52-144306
Sequence 124306, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION UNMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR PLING DATE: 2000-07-12
PRIOR PLING DATE: 2000-07-29
PRIOR PLING DATE: 2000-04-20
PRIOR PLING DATE: 2000-04-20
PRIOR PLING DATE: 2000-04-29
PRIOR PLING DATE: 2000-03-29
PRIOR PLING DATE: 2000-03-29
PRIOR PLING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-08
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PRIOR FILING DATE: PSEQ ID NOS: 325720
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PRIOR PLING DATE: PSEQ ID NOS: 325720
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PRIOR PLING DATE: PSEQ ID NOS: 325720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             167 ITTCATAGTGAATTAAATTGTCAAACTAGTAGTCAGATCAATAAATTT 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          514 CCCAATATGTACCTAAATTTTAAGATTTATATTTAAATTTAAATT 562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 15; Length 1169;
                                                                                                                                                                                                                                                                                                                                                                                                                      Length 1169;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                      DB 15;
                                                                                                                                                                                                                                                                                                                                                                                                                   Score 34.2; DE
Pred. No. 9;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     15.8%; Score 34.2; D
49.7%; Pred. No. 9;
ive 1; Mismatches
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-8
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-08-09
NUMBER: OF SEQ ID NOS: 325720
SEQ ID NO 124305
LENTH: 1169
                                                                                                                                                                                                                                                                                                                                                                                                                      15.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 49.7
Matches 84; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 84; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-027-632-124306
                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: Human
US-10-027-632-124305
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 124306
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                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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Sequence 312, Application US/10602494

Sequence 312, Application No. US20040265833A1

Fublication No. US20040265833A1

GENERAL INFORMATION:

APPLICANT: Cathy Loften-Day

APPLICANT: Andrew Sledziewski

APPLICANT: Robert W. Day

APPLICANT: Raren Cardon

TITLE OF INVENTION: Methods and nucleic acids for the analysis of colorectal cell

TITLE OF INVENTION: Proliferative disorders

FILE REFERENCE: 47675-45

CURRENT APPLICATION NUMBER: US/10/602,494

CURRENT PILING DATE: 2003-06-23

NUMBER OF SEQ ID NOS: 385

SEQ ID NO 312
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    230 AAATCTTTATAAATAATTTACAAAATAAATTACAAAATTAAATTAAATTACAACCTA 171
454 GGAATCTTAGATTCAATGAATACTTTAACAGTTTTCTGAAAGAATAAAAGAAACACCA 513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens) US-10-602-494-312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ..
0
                                                             167 TITCATAGIGAATTAAATTGICAAACTAGIAGICAGAICAATAAAATTT 215
                                                                                                                           Length 3095;
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APPLICANT: Jones, Lee William
APPLICANT: Jones, Lee William
APPLICANT: Stache-Crain, Birgit
TITLE OF INVENTION: HUMAN GENES AND GENE EXPRESSION PRODUCTS
TITLE OF INVENTION: ISOLATED FROM HUMAN PROSTATE
FILE REFERENCE: 2300-16252
CURRENT APPLICATION NUMBER: US/10/012,697
CURRENT FILING DATE: 2003-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 15.8%; Score 34.2; DB 18; Best Local Similarity 64.6%; Pred. No. 13; Matches 51; Conservative 0; Mismatches 28;
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SEQ ID NO 18075
LENGTH: 609
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LENGTH: 530
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spublication No. US20040029129A1
spublication No. US20040029129A1
spublication No. US20040029129A1
spublication No. US20040029129A1
spublicant: Amang Liangsu
spepiicant: Amanoheck, Robert
spepiicant: Ohlsen, Kari
spepiicant: Zyskind, Judith
spepiicant: Trawick, John
spepiicant: Trawick, John
spepiicant: Trawick, John
spepiicant: Porsyth, R.
spepiicant: Yamamoto, Robert
spepiicant: Xu, H.
spepiicant: Xu, H.
spepiicant: Xu, H.
spepiicant: Xu, H.
spepiicant: Elitra.034A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           130 GATTGCCAACTATTCTATTACTTTTCCCCTTTATCTAACCCTAATCCCATTCCTGA 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             190 icricignaagraricacrcraaggraringagaracriraaarcarigcraaaarara 249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TGTTCTCGAAAAGGCATTCCAAAGTTATTGGAGTCATGTGAAAGAGTTCGTCATGAAGTT 154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                35 GATCGAACAGTCTTCTCTCAATTGGCAACTGTCTATATCATTCCGCAATCACATTTCGGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
15.7%; Score 34; DB 15; Length 728;
Best Local Similarity 50.0%; Pred. No. 8.5;
Matches 85; Conservative 0; Mismatches 85; Indels
                                                                                                                                                                                                                                                                                                        74,
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                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: misc_feature
LOCATION: 5, 6, 7, 8, 13, 15, 27, 29, 37, 39, 45,
LOCATION: 84, 86, 122, 723
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: misc_feature
LOCATION: 5, 6, 7, 8, 13, 15, 27, 29, 37, 39, 45, LOCATION: 84, 86, 122, 723
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: 5, 6, 7, 8, 13, 15, 27, 29, 37, 39, 45,
LOCATION: 84, 86, 122, 723
OTHER INFORMATION: n = A,T,C or G
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; LOCATION: 5, 6, 7, 8, 13, 15, 27, 29, 37, 39, 45,

; LOCATION: 84, 86, 122, 723

; OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: 5, 6, 7, 8, 13, 15, 27, 29, 37, 39, 45,
LOCATION: 84, 86, 122, 723
OTHER INFORMATION: n = A,T,C or G
PRIOR APPLICATION NUMBER: 60/254,648
PRIOR FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 60/275,668
PRIOR FILING DATE: 2001-03-13
NUMBER OF SEQ ID NOS: 1568
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 734
LENGTH: 728
                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
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Sequence 4708, Application US/10029386
Publication No. US200301947041
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Hanzel, David K.
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GF.
TITLE OF INVENTION: HUMAN GENOME-DERIVED 3866
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT APPLICATION NUMBER: US/10/029,386
CURRENT PILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 34288
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       411 AGGITITIGCAGCATIGGCAAATCGTGGTTTTTTGTGCAGTAGAAAATTTAAAATCTCCAAG 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               43 AGTCTTCTCTCAATTGGCAACTGTCTATATCATTCCGCAATCACATTTCGGATGTTCTCG 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           471 AAAAGATAATGCGAAATTACCTGAAAATTTACCACTCTTTACTCTAGGAAATTTTGAATT 530
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CURRENT FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR FILING DATE: 2000-05-21

PRIOR PELING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-23

PRIOR PLING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-06

PRIOR PLING DATE: 2000-05-06

PRIOR PLING DATE: 2000-05-06

PRIOR PLING DATE: 2000-05-06

PRIOR PLING DATE: 2000-05-06

PRIOR PLING DATE: 2000-05-06

PRIOR PLING DATE: 2000-10-23

PRIOR PLING DATE: 2000-11-23

PRIOR PLING DATE: 2000-11-23

PRIOR PLING DATE: 2000-11-23

PRIOR PLING DATE: 2000-11-22

PRIOR PLING DATE: 2000-11-22

PRIOR PLING DATE: 2001-12-2

PRIOR PLING DATE: 2001-12-2

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

PRIOR PLING DATE: 2001-02-09

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PRIOR PLING DATE: 2001-02-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           531 TGAAATTTACGATGAAACAAATTGTCCACTTTGTAAAAAAGGGAATAAAGCTAT 584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
15.3%; Score 33.2; DB 16; Length 609;
Best Local Similarity 49.4%; Pred. No. 14;
Matches 86; Conservative 0; Mismatches 88; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: MAP TO AC008959.4 CITHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.55 OTHER INFORMATION: NT HIT: ALIG3303.2, EVALUE 3.00e-05 OTHER INFORMATION: EST HUMAN HIT: BF677113.1, EVALUE 1.20e-02 OTHER INFORMATION: EST_HUMAN HIT: BF677113.1, EVALUE 1.20e-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , ORGANISM: Campylobacter jejuni
US-10-282-122A-18075
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-029-386-4708/c
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th 14.9%; Score 32.4; D
I Similarity 56.6%; Pred. No. 50;
60; Conservative 0; Mismatches
PRIOR APPLICATION NUMBER: US/09/281,976
PRIOR FILING DATE: 1999-03-31
PRIOR PILING DATE: 1999-103-31
PRIOR FILING DATE: 1997-10-02
PRIOR FILING DATE: 1997-10-02
PRIOR FILING DATE: 1997-10-02
NUMBER OF SEQ ID NOS: 390
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 25
FEATURED FOR SECTION NOTE: 200
SOFTWARE: PATENTIN VET. 2.0
                                                                                                                                                                                                                                                                                                             NAME/KEY: SITE
LOCATION: (348)
COTHER INFORMATION: n equals a,t,g, or c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 20529, Application US/09814353
Publication No. US20030165831A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: 1, 2, 3, 3899
OTHER INFORMATION: n = A,T,C or G
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                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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                                                                                                                                                                                                                          LENGTH: 1057
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                                                                                                                                                                                                                          366 gaaaaariricccricraricrragrirgriaaarariarcacgaagacaririrgaariri 307
                                                                                                                                                                                                                                                                          99 CTCGAAAAGGCATTCCAAAGTTATTGGAGTCATGTGAAAGAGTTCGTCATGAAGTTTACC 158
                                                                                                                                                                                                                                                                                                                       306 gecadadrerericedentrianganganadrengericerinterecretanagg 247
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                                                                                                                                                                             39 GAACAGTCTTCTCTCAATTGGCAACTGTCTATATCATTCCGCAATCACATTTCGGATGTT
                                                                                                                                Gaps
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                                                                                  Length 530;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 32.4; DB 15; Length 1 Pred. No. 30; 0; Mismatches 46; Indels
                                                                                                                             74; Indels
          ; OTHER INFORMATION: SWISSPROT HIT: P08547, EVALUE 1.00e-09
US-10-029-386-4708
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NSGUENCE 25, Application US/10799747
Sequence 25, Application US/10799747
PUBLIcation No. US20040157258A1
SEMERAL INFORMATION:
APPLICANT: Rosen et. al
TITLE OF INVENTION: 101 Human Secreted Proteins
FILE REFERENCE: P2017P1
CURRENT APPLICATION NUMBER: US/10/799, 747
CURRENT FILING DATE: 2004-03-15
PRIOR FILING DATE: 2002-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 13
US-10-195-730-25/C

§ Sequence 25, Application US/10195730

§ Publication No. US20030144492A1

§ GENERAL INFORMATION:

§ APPLICANT: Rosen et. al.

§ TITLE OF INVENTION: 101 Human Secreted Proteins

FILE REFERENCE: PZ017P1

§ CURRENT APPLICATION NUMBER: US/10/195,730

CURRENT FILING DATE: 1999-03-31

§ PRIOR APPLICATION NUMBER: 60/60,837

§ PRIOR APPLICATION NUMBER: 60/60,837

§ PRIOR APPLICATION NUMBER: 60/60,837

§ PRIOR APPLICATION NUMBER: 60/60,862

§ PRIOR APPLICATION NUMBER: 60/60,862

§ PRIOR PILING DATE: 1997-10-02

§ PRIOR FILING DATE: 1997-10-02

§ NUMBER: OF SEQ ID NOS: 390

§ SOFTWARE: PALENTIN VET. 2.0
                                                                                  DB 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                      246 ACAATTCTATTGACACAGTAAATTATATTCA 216
                                                                             Query Match
15.0%; Score 32.6; Di
Best Local Similarity 51.0%; Pred. No. 20;
Matches 77; Conservative _ 0; Mismatches
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LOCATION: (348)
COTHER INFORMATION: n equals a,t,g, or c
US-10-195-730-25
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1 Similarity 56.6%;
60; Conservative (
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Best Local Similarity
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LENGTH: 1057
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APPLICANT: Lee, John
APPLICANT: Lilit, Jamela
APPLICANT: Lilit, Jamela
APPLICANT: Lilit, Jamela
APPLICANT: Lilit, Jamela
APPLICANT: Lilit, Jamela
TITLE OF INVENTION: IDENTIFICATION, ASSESMENT, PREVENTION, AND
TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
FILE REFERENCE: MRI-066B
CURRENT FILING DATE: 2001-03-21
CURRENT FILING DATE: 2001-03-21
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-25
PRIOR FILING DATE: 2000-05-25
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-06-15
PRIOR FILING DATE: 2000-07-25
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PRIOR FILING DATE: 2000-07-25
PRIOR FILING DATE: 2000-07-25
PRIOR FILING DATE: 2000-07-25
PRIOR FILING DATE: 2000-07-25
PRIOR FILING DATE: 2000-12-21
NUMBER OF SEQ ID NOS: 22037
SOPTWARE: FRAESEQ for Windows Version 4.0
SSCOTUMARR: NAM
                                                                                                                             60 CAACTGTCTATATCATTCCGCAATCACATTTCGGATGTTCTCGAAAAGGCATTCCAAAGT
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Query Match

14.9%; Score 32.4; DB 17; Length 1057;
Best Local Similarity 56.6%; Pred. No. 30;
Matches 60; Conservative 0; Mismatches 46; Indels 0;
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qq	672 CAAAATGCTGAACCAGTCATTTTAGGTTCCTCAAGTGCTCTAAAAGTGTTTCCCAAGT
ò	120 TATTGGAGTCATGTGAAGAGTTCGTCATGAAGTTTACCCAAAGGC 165
g	732 TTGAACAGGCATCAGAATCACTTGGAGAACATGTTAAAACAAAGAC 777

<sup>732</sup> TTGAACAGGCATCAGAATCACTTGGAGACATGTTAAAACAAAGAC 777

Search completed: January 22, 2005, 05:10:59 Job time: 258.562 secs

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